



# Monarch

Builders  
Hardware

Catalogue  
Number 12

Monarch Manufacturing Co.  
Detroit Mich.

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# Monarch

**Builders  
Hardware**

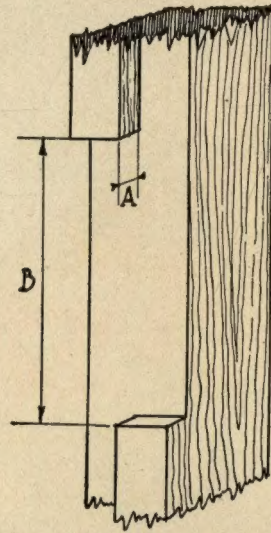
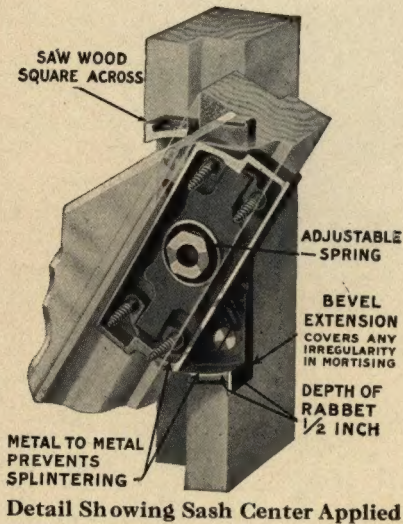
Catalogue  
Number 12

**Monarch Manufacturing Co.**  
Detroit Mich.



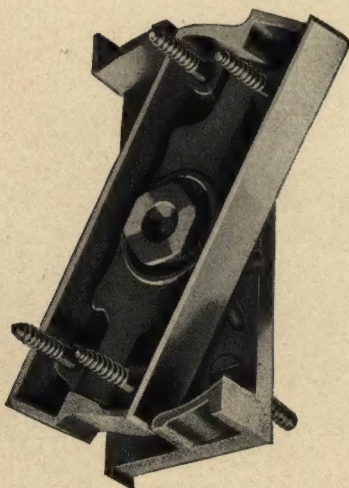
140 Series

The latest improved MONARCH FRICTION SASH CENTER for double hung windows pivoted on sides, or single windows hung on sides, top or bottom. THIS CENTER IS ABSOLUTELY WEATHER-PROOF.



DETAIL OF RABBET  
FOR FRAME AND SASH

- A 1/2" FOR ALL SASH
- B 4 1/2" FOR 1 3/8" SASH
- B 4 5/8" FOR 1 3/4" SASH
- B 4 5/8" FOR 2 1/4" SASH



Note.—The adjustable tension on the friction spring and the mortise cut straight across the sash and hanging stile make it easy to apply and adjust to either wood or metal sash.



Pages C-3518-19



## *Monarch Friction Sash Centers*

### 140 Series

Redesigned to meet metal sash requirements. Both ends are square, requiring only a square mortise across the sash, all others have round ends, requiring a round and difficult mortise to make. This pivot can be applied in one-half the time required on any other and always insures a neat and perfect fit.

This center is equipped with automatic friction and will hold the sash open at any angle desired without the use of a sash adjuster and is adapted for any kind of sash.

Used on double hung windows with hanging stile, allowing the window to slide up and down or reverse inside out, enabling you to clean both sides of window from the inside.

It is well adapted for inside or outside transoms, as it will hold the transom in any position without the use of a transom lift. **IT IS ABSOLUTELY WEATHER-PROOF.**

It can be adapted for Monitor sash or factory windows; can be operated by a cord from the floor. The friction will hold your sash in any position.

#### IRON

No.	
140, for $1\frac{3}{8}$ inch sash, for one sash . . . . .	<b>\$1.00</b>
141, for $1\frac{3}{4}$ inch sash, for one sash . . . . .	<b>1.15</b>
142, for 2 inch sash, for one sash . . . . .	<b>1.40</b>
143, for $2\frac{1}{4}$ inch sash, for one sash . . . . .	<b>1.70</b>

#### BRASS

No.	
0140, for $1\frac{3}{8}$ inch sash, for one sash . . . . .	<b>\$4.40</b>
0141, for $1\frac{3}{4}$ inch sash, for one sash . . . . .	<b>4.60</b>
0142, for 2 inch sash, for one sash . . . . .	<b>4.85</b>
0143, for $2\frac{1}{4}$ inch sash, for one sash . . . . .	<b>5.40</b>

All goods packed with screws.

For iron goods plated in brass or copper add 100%  
to the list price.

#### DIRECTIONS

**For double hung sash**—Screw center on sash and hanging stile. Fit hanging stile to opening as you would the ordinary sash.

**For single sash**—Screw center to sash, slide sash in place and screw center to frame, reverse sash and plant stops on frame.





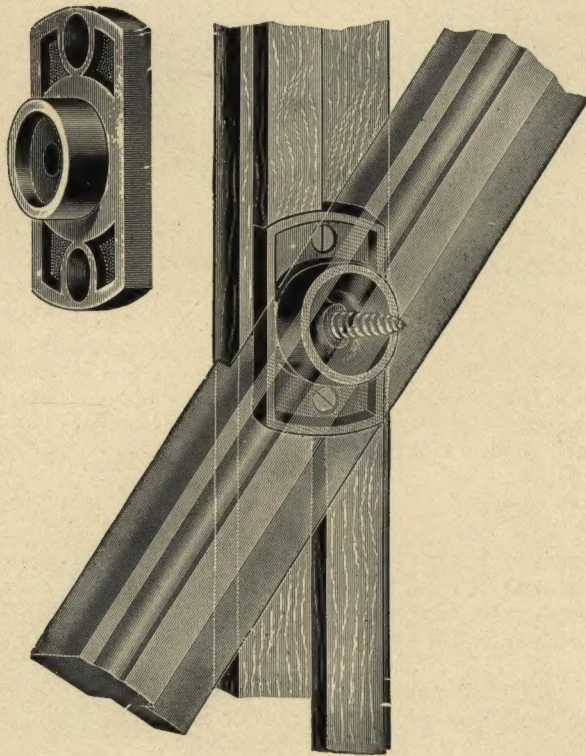
MONARCH



*Monarch Sash Centers*

FOR INSIDE TRANSOMS OR FACTORY SASH

No. 130 Series



See prices on next page.



## *Monarch Sash Centers*

### **No. 130 Series**

Adapted for hanging inside transoms and makes your transom when close just as tight as though it were hinged top or bottom. The transom is perfectly balanced and works freely. It is also adapted for pivoting round or elliptical windows and very largely used for factory windows where operated in battery form with operating device.

#### **IRON**

No. 130, for $1\frac{3}{8}$ inch sash, per set for one sash.....	<b>\$0.60</b>
No. 132, for $1\frac{3}{4}$ inch sash, per set for one sash.....	<b>.90</b>
No. 134, for $2\frac{1}{4}$ inch sash, per set for one sash.....	<b>1.20</b>

#### **BRASS**

No. 0130, for $1\frac{3}{8}$ inch sash, per set for one sash.....	<b>\$1.80</b>
No. 0132, for $1\frac{3}{4}$ inch sash, per set for one sash.....	<b>3.00</b>
No. 0134, for $2\frac{1}{4}$ inch sash, per set for one sash.....	<b>3.75</b>

All above packed with screws

Add 100 per cent to list for iron goods in plated finishes.

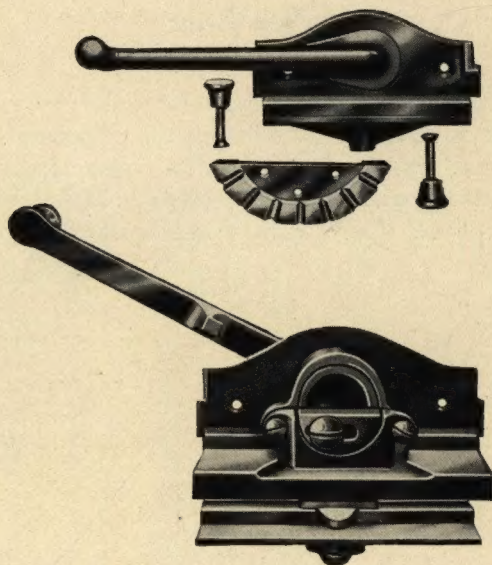
### **DIRECTIONS FOR APPLYING**

Put  $\frac{1}{2}$  inch reverse rebate on sash and stile, mortise round plate into sash and put in screw, then place plate on sash, put sash into opening, open sash and screw plate to stile or frame, then plant stops on frame as detail shows.



## *Monarch Elevating Sash Pivot*

FOR VERTICALLY PIVOTED SASH



Made in cast brass or bronze.

No. 500, for $1\frac{3}{4}$ and 2 inch sash, for one sash.....	<b>\$14.00</b>
No. 501, for $2\frac{1}{4}$ inch and over sash, for one sash.....	<b>16.00</b>

This price includes the side locks

This fixture elevates the sash above the stool, permitting the sash to swing entirely around. Both sides of the sash can be cleaned from the inside.

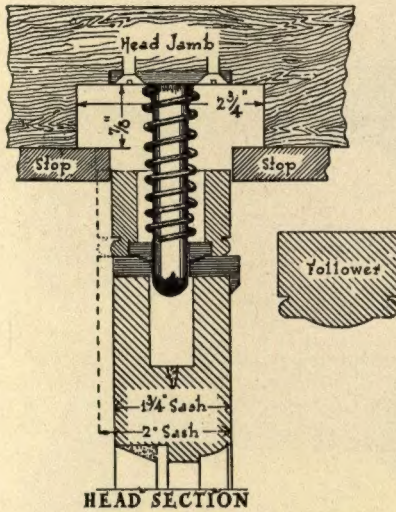
The notched stool plate as shown in the upper cut holds the window open at any desired angle. The cam action forces the sash down, making a perfect weather-tight joint at the sill and the locking plates at the sides force the sash against the stops.

When closed the sash cannot be forced open from the outside.

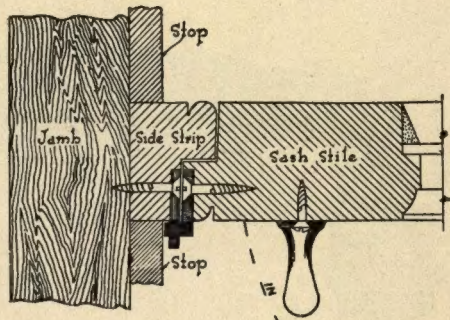
See Details on next page.

Full size details mailed on request.

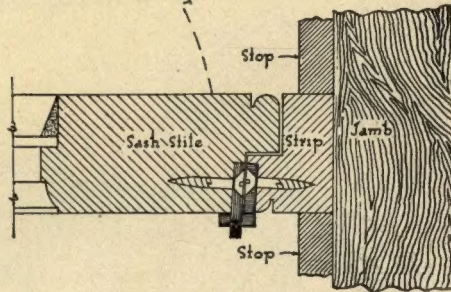
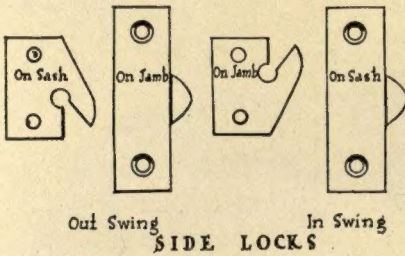




HEAD SECTION

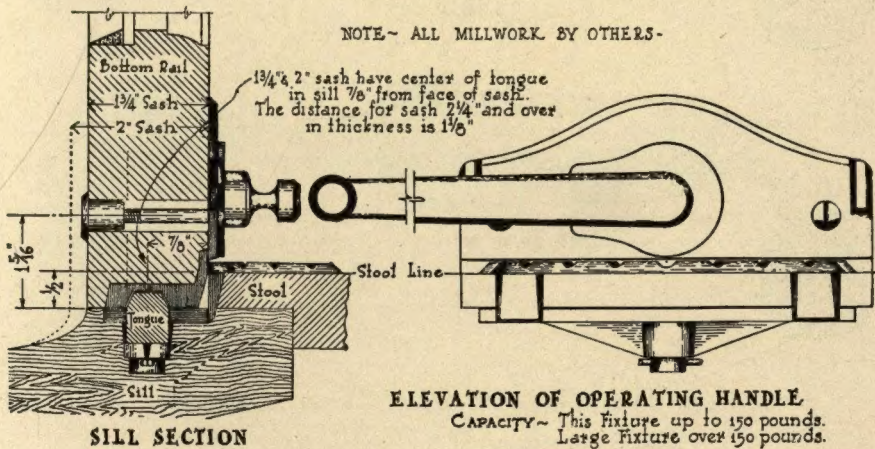


JAMB SECTION



JAMB SECTION

NOTE~ ALL MILLWORK BY OTHERS-



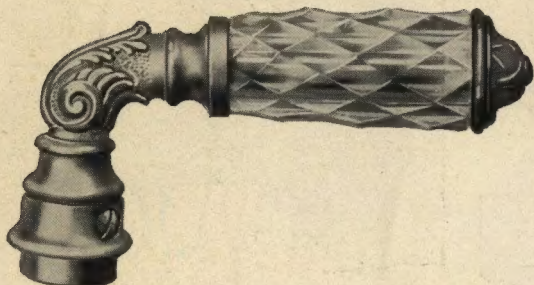
ELEVATION OF OPERATING HANDLE

CAPACITY~ This fixture up to 150 pounds.  
Large fixture over 150 pounds.

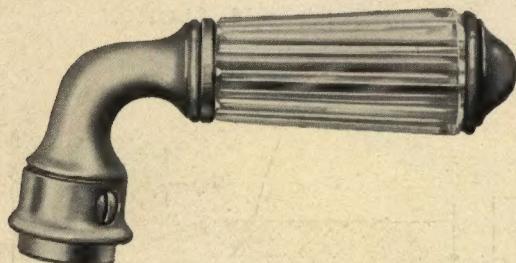




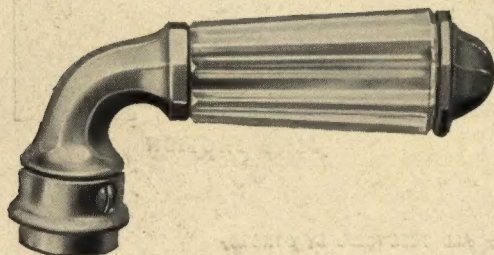
### *Cut Glass Lever Handles*



No. 200  
Length  $4\frac{1}{4}$ "  
Price each.....\$4.00



No. 201  
Length  $4\frac{1}{4}$ "  
Price each.....\$4.00



No. 202  
Length  $4\frac{1}{4}$ "  
Price each.....\$4.00



No. 203  
Length  $4\frac{1}{4}$ "  
Price each.....\$4.00

Stock Finish, Polished or Dull Brass or Bronze.

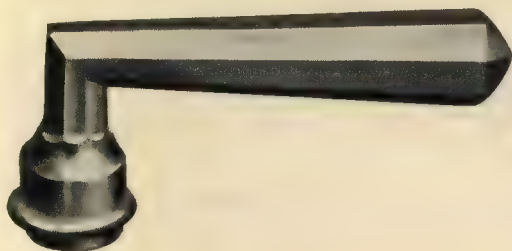
Add 5% to net cost for special finishes.

Made for  $\frac{5}{16}$  or  $\frac{3}{8}$  inch Screw Spindles as ordered.





## *Brass Lever Handles*

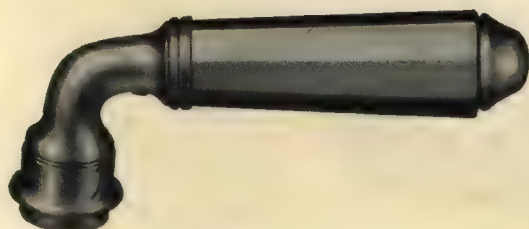


No. 204

Made in 2 sizes, 3" and 4"

Price each 4" ..... **\$2.00**

Price each 3" ..... **1.80**

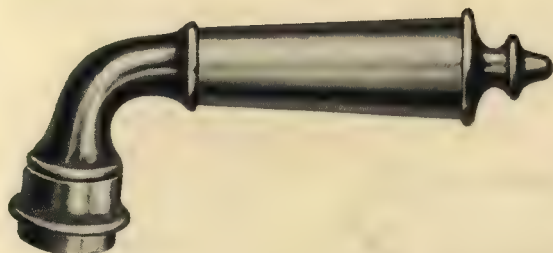


No. 205

Length 4 $\frac{1}{4}$ "

Made in 3 parts

Price each ..... **\$3.00**



No. 206

Length 3 $\frac{1}{2}$ "

Price each ..... **\$2.50**



No. 207

Length 3"

Price each ..... **\$2.50**

Stock Finish, Polished or Dull Brass or Bronze.

Add 10% to net cost for special finishes.

Made for  $\frac{3}{8}$  or  $\frac{5}{16}$  inch Screw Spindle as ordered.



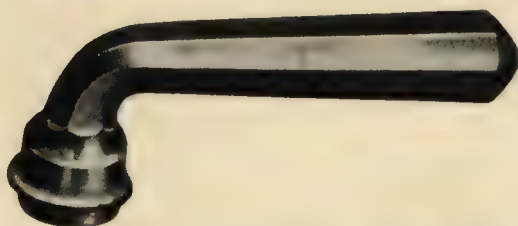
# *Brass Lever Handles*



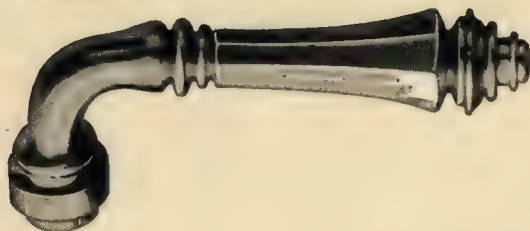
No. 208  
Length 4"  
Price each.....\$3.00



No. 209  
Length 4"  
Price each.....\$6.00



No. 210  
Length 4"  
Price each.....\$2.00

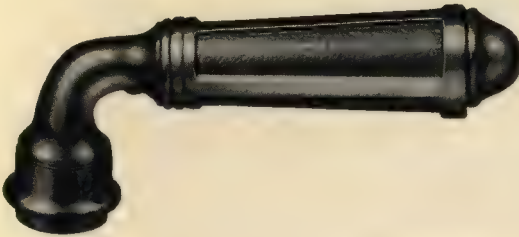


No. 211  
Length 4"  
Price each.....\$4.00

Stock Finish, Polished or Dull Brass or Bronze.  
Add 10% to net cost for special finishes.  
Made for  $\frac{3}{8}$  or  $\frac{5}{16}$  inch Screw Spindles as ordered.



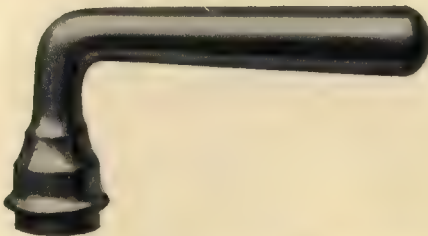
*Brass Lever Handles*



No. 212  
Length 4"  
Price each.....\$3.50



No. 213  
Length 4½"  
Price each.....\$3.50



No. 214  
Length 3½"  
Price each.....\$2.00



No. 215  
Length 3¾"  
Price each.....\$3.50

Stock Finish, Polished or Dull Brass or Bronze.

Add 10% to net cost for special finishes.

Made for ⅜ or ⅝ inch Screw Spindles as ordered.





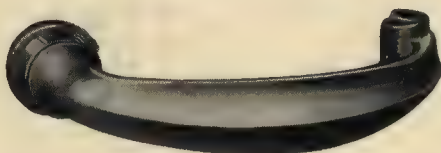
No. 217  
Made in 2 sizes, 3" and 4"  
Price each  
4" ..... \$6.00  
3" ..... 5.50



No. 218  
Length 4"  
Price each ..... \$7.00



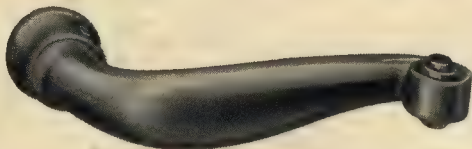
No. 219  
Length 4<sup>3</sup>/<sub>8</sub>"  
Price each ..... \$6.00



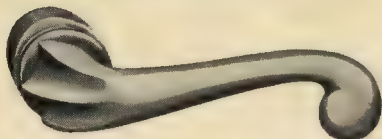
No. 220  
Made in 2 sizes, 2<sup>1</sup>/<sub>2</sub>" and 4"  
Price each  
2<sup>1</sup>/<sub>2</sub>" ..... \$2.50  
4" ..... 3.50



No. 221  
Length 4"  
Price each ..... \$4.00



No. 222  
Length 4"  
Price each ..... \$2.50



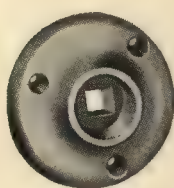
No. 223  
Length 3<sup>1</sup>/<sub>4</sub>"  
Price each ..... \$2.50

Stock Finish, Dull or Polished Brass or Bronze.

Add 10% to net cost for special finishes.

All above cuts show right hand levers. State which hand wanted.

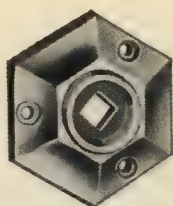




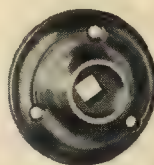
No. 250  
No. 250 Spring  
No. 260 Plain  
Size  $1\frac{1}{8}"$



No. 251  
No. 251 Spring  
No. 261 Plain  
Size  $\begin{cases} 2\frac{1}{4}" \times 1\frac{3}{8}" \\ 1" \times 1\frac{7}{8}" \end{cases}$



No. 253  
No. 253 Spring  
No. 263 Plain  
Size  $1\frac{7}{8}"$



No. 254  
No. 254 Spring  
No. 264 Plain  
Size  $1\frac{3}{4}"$

Double acting auxiliary spring roses, each.....**60 Cents**  
 Plain roses as above, without springs, each.....**40 Cents**  
 Above roses set flush on the door. They do not have to be mortised in.  
 Polished or Dull Brass or Bronze is Stock Finish.

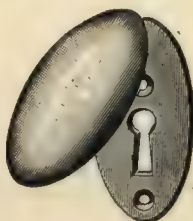
### *Cast Key Plates*



No. 280  
 $\frac{3}{4}" \times 2\frac{1}{4}"$



No. 281  
 $\frac{5}{8}" \times 1\frac{3}{4}"$



No. 282  
 $\frac{7}{8}" \times 2"$



No. 283  
 $\frac{3}{4}" \times 2\frac{1}{4}"$



No. 286  
 $\frac{3}{4}" \times 2"$



No. 272  
 $1\frac{1}{2}"$



No. 274  
 $1\frac{1}{8}" \times 1\frac{3}{8}"$



No. 275  
 $1\frac{3}{8}" \times 1\frac{3}{8}"$



No. 277  
 $1\frac{1}{4}"$

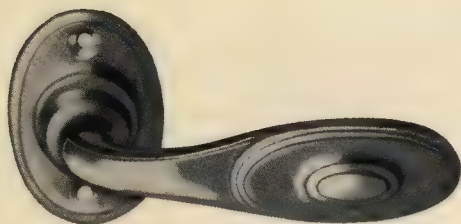
All Covered Key Plates, each.....**50 Cents**  
 All Plain Key Plates, each.....**30 Cents**

Add 10% to Net Cost for Special Finishes.





# MONARCH

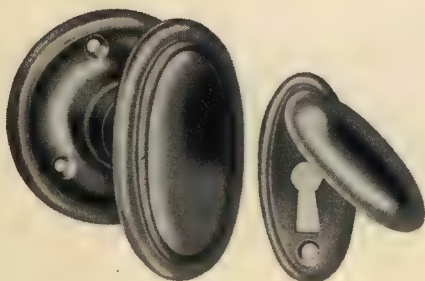


No. 224

Lever and Rose 4"

Price.....**\$6.00**

For one lever and one rose



No. 319

2 $\frac{3}{8}$ " x 1 $\frac{1}{4}$ "

Price.....**\$5.00**

For one knob and one rose

No. 285

$\frac{7}{8}$ " x 2"

Key Plates, each...**\$0.80**



No. 209

Lever handle 4"

No. 268

Spring rose 2"

Price.....**\$6.00**

For one lever and one rose



No. 301

Knob 1 $\frac{1}{8}$ " x 2 $\frac{3}{4}$ "

No. 268

Rose 2"

Price.....**\$6.00**

For one knob and one rose

No. 276

Key plate 1 $\frac{1}{2}$ "

Key plates, each....**\$0.70**

Above Prices include any finish except Silver or Gold.



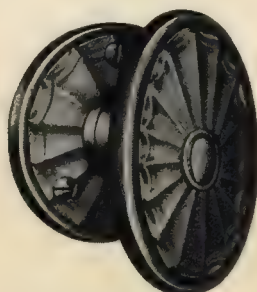
# MONARCH



No. 12



No. 216, Lever Handle, Length 4"  
No. 266, Rose,  $1\frac{1}{4}$ " x  $2\frac{1}{2}$ "



No. 300, Knob,  $1\frac{3}{8}$ " x  $2\frac{1}{2}$ "  
No. 267, Rose, 2"



No. 284, Key Plate  
 $1\frac{1}{4}$ " x 2"



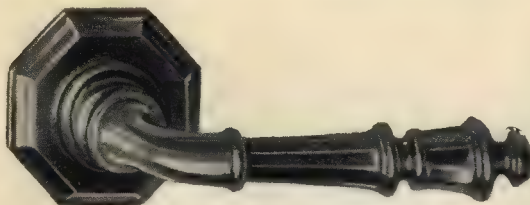
No. 13

No. 216, Lever with spring rose, each.....	\$ 6.00
No. 300, Knob with plain rose, each.....	6.00
No. 284, Key plate, each.....	1.50
No. 12, Cremorne bolt, each.....	24.00
No. 13, Cremorne bolt, each.....	24.00

Above prices include any finish except Silver or Gold.



# MONARCH



No. 225 Lever 4", Rose 1 7/8"

No. 225

Lever and Rose

Price .....\$7.00

For 1 Lever and 1 Rose



No. 225B  
1 1/4" x 1 1/2"



No. 225C  
3/4" x 1 5/8"

No. 225B

Key Plate, each.....\$ .70

No. 225C

Turn Piece, each....\$2.00

Advise kind of Spindle  
wanted in this Turn Piece.



No. 320A Lever 4"  
No. 320 1/2 A Lever 2 1/2"  
Rose 1" x 1 7/8"



No. 320B  
1 1/8" x 2"

No. 320A .....\$6.00

No. 320 1/2 A ..... 4.00

Price for 1 Lever and 1 Rose

No. 320B Key Plate.\$ .70



No. 320 Knob 1 3/8" x 2 1/2"  
Rose 1 1/4" x 2 1/2"



No. 320C  
1" x 1 7/8"

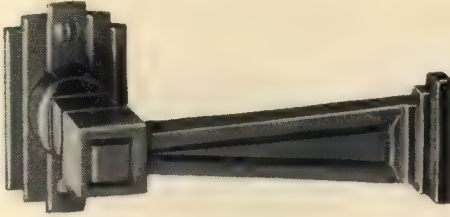
No. 320

1 Knob with Rose...\$5.00

No. 320C, each.....\$2.00

Advise kind of Spindle  
wanted in this Turn Piece.

Stock finish Dull or Polished Brass or Bronze  
Add 10% for Special Finishes



No. 226



No. 226C



No. 226B

No. 226 Lever  $3\frac{5}{8}"$ , Rose  $1\frac{1}{8}" \times 2"$

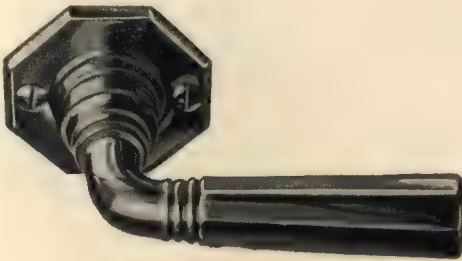
No. 226C Turn Piece  $\frac{7}{8}" \times 1\frac{3}{4}"$

No. 226B Key Plate  $\frac{7}{8}" \times 1\frac{3}{4}"$

Price each.....\$5.00

" " ..... 1.50

" " ..... .70



No. 227



No. 227C



No. 227B

No. 227 Lever  $3"$ , Rose  $1\frac{3}{4}" \times 1\frac{3}{4}"$

No. 227C Turn Piece  $1\frac{1}{4}" \times 1\frac{1}{4}"$

No. 227B Key Plate  $1\frac{1}{4}" \times 1\frac{1}{4}"$

Price each.....\$3.00

" " ..... 1.00

" " ..... .35



No. 304 (Cut shows right hand)



No. 304C



No. 304B

No. 304 Lever  $3\frac{1}{2}"$ , Rose  $1\frac{3}{4}"$

No. 304C Turn Piece  $1\frac{3}{8}"$

No. 304B Key Plate  $1\frac{3}{8}"$

Price each.....\$3.50

" " ..... .70

" " ..... .35

Stock finish, Dull or Polished Brass or Bronze

Add 10% to net cost for special finishes

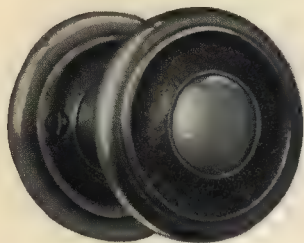
Advise hand wanted when ordering No. 304 Lever

When ordering Turn Pieces state kind of Spindle and how set

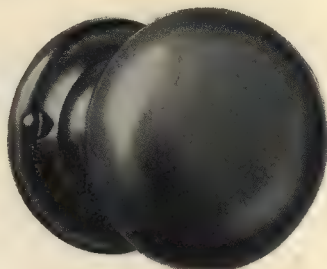




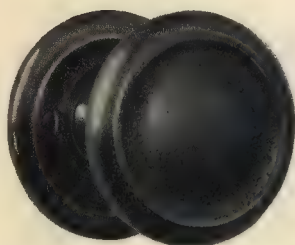
*Cast Door Knobs and Roses*



No. 303 2"  
Price, \$55.00



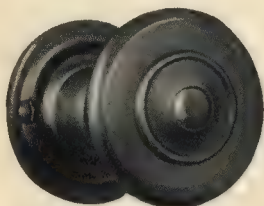
No. 307 2 1/4"  
Price, \$44.00



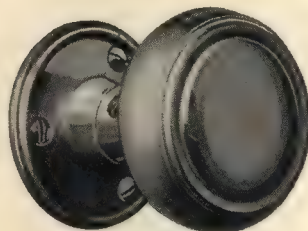
No. 304 2"  
Price, \$55.00



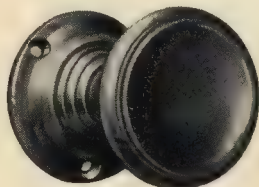
No. 308 1 3/4"  
Price, \$40.00



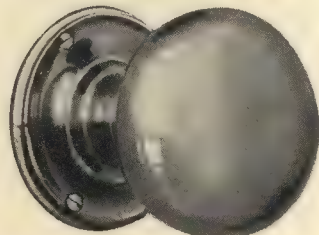
No. 305 1 5/8"  
Price, \$50.00



No. 309 2 1/4"  
Price, \$60.00



No. 306 1 3/4"  
Price, \$50.00



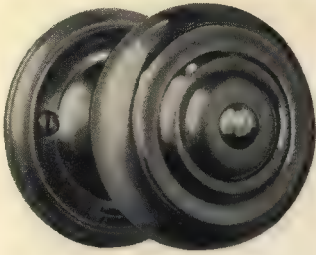
No. 310 2 3/8"  
Price, \$60.00

Polished or Dull Brass or Bronze is stock finish.

Add 10% for special finishes.

Priced per dozen pair including roses.

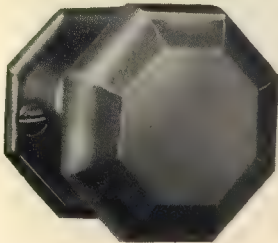
*Cast Door Knobs and Roses*



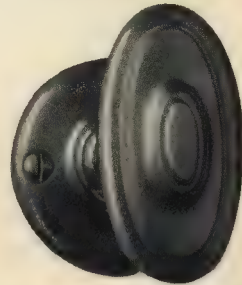
No. 311 2"  
Price, \$66.00



No. 315 2 $\frac{3}{8}$ " x 1 $\frac{3}{8}$ "  
Price, \$66.00



No. 312 2"  
Price, \$66.00



No. 316 2 $\frac{3}{8}$ " x 1 $\frac{1}{4}$ "  
Price, \$75.00



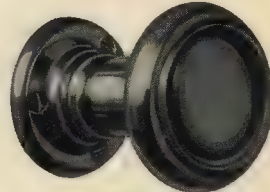
No. 313 2 $\frac{1}{4}$ "  
Price, \$150.00



No. 317 2 $\frac{3}{8}$ " x 1 $\frac{3}{8}$ "  
Price, \$75.00



No. 314 2 $\frac{1}{8}$ "  
Price, \$55.00

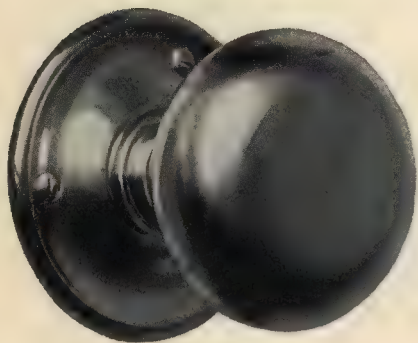


No. 318 1 $\frac{7}{8}$ "  
Price, \$55.00

Polished or Dull Brass or Bronze is stock finish.  
Add 10% for special finishes. Priced per dozen pair including roses.  
Price on No. 313 covers all finishes except Gold.



*Extra Large Cast Knobs and Roses*



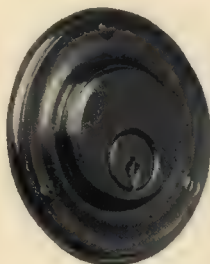
No. 320 3"

Price per pair . . . . . \$10.00



No. 321 2½"

Price per pair . . . . . \$8.00



No. 321½ 3"

Price each . . . . . \$1.50



No. 322 2¼"

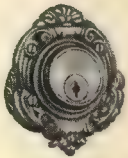
Price per pair . . . . . \$7.00



No. 323 2¼"

Price per pair . . . . . \$7.00

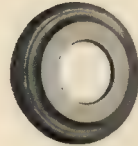
# MONARCH



No. 709



No. 710



No. 708

No.	Grip	Top Plate	Bottom Plate	Cyl. Plate	Price, Each
709	11 $\frac{3}{4}$ "	2 $\frac{1}{2}$ "x4"	1 $\frac{5}{8}$ "x3"	3"x3"	<b>\$7.50</b>
710	9"	4 $\frac{3}{4}$ "x2 $\frac{1}{2}$ "	2"	2"x4"	<b>6.50</b>
708	9"	3 $\frac{1}{8}$ "x3 $\frac{1}{8}$ "	2 $\frac{5}{8}$ "x2 $\frac{5}{8}$ "	1 $\frac{3}{4}$ "x1 $\frac{3}{4}$ "	<b>5.50</b>

Electric Push Buttons, complete, to match, same size as bottom plate, price. . . . . **\$1.25**



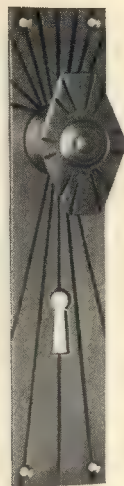
Made in Cast Brass, Bronze and Nickelene



No. 711



No. 712



No. 713



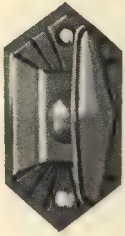
No. 714

	Size	Price
No. 711	Handle 2" x 11½", Cyl. Plate 1¾" x 2¾"	\$8.00
No. 712	Plate 1¾" x 7¾", Knob 1¾" x 2¾"	6.00
No. 713	Plate 1½" x 7", Knob 1¼" x 2"	5.00
No. 714	Lever 4½", Rose 1¾" x 2¾"	6.00

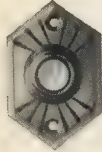
When ordering 712 and 713 give lock spacing.

# MONARCH

Made in Cast Brass, Bronze and Nickelene



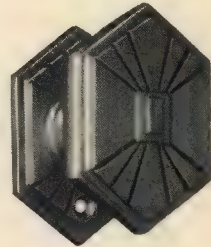
No. 715



No. 716



No. 717



No. 718

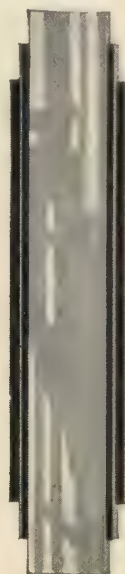
No. 715	Turn Piece	Size 1" x 2"	Price Each.....	<b>\$2.00</b>
No. 716	Push Button	" 2" x 2 1/2"	" "	<b>1.50</b>
No. 717	Key Plate	" 1" x 1 3/4"	" "	<b>.50</b>
No. 718	Knob and Rose	" 1 3/4" x 2 3/4"	" "	<b>3.00</b>



M 712



M 42



M 43



M 44

	Length	Top Plate	Bottom Plate	Cyl. Collar	Price Each
No. M 712	Handle 8"	2 1/2" x 4"	2 1/2" x 3 1/4"	2" in dia.	<b>\$7.00</b>
		M 42	M 43	" M 44	
	Size 3" x 15"	<b>\$8.00</b>	<b>\$4.00</b>		<b>\$ 9.00</b>
	Size 3 1/2" x 16"	<b>8.50</b>	<b>5.00</b>		<b>10.00</b>

When ordering M 44 always state lock spacing.



# MONARCH



No. 725



No. 726



No. 727  
Offset 1½"



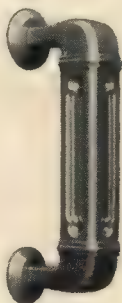
No. 728  
Offset 1¾"

	Center to Center	Dia. of Base	Price, Each
No. 725	7 <sup>5</sup> / <sub>8</sub> "	2"	\$10.00
No. 726	6"	2"	9.00
No. 727	7 <sup>3</sup> / <sub>16</sub> "	2"	9.00
No. 728	7 <sup>3</sup> / <sub>4</sub> "	1 <sup>3</sup> / <sub>8</sub> " x 2 <sup>1</sup> / <sub>2</sub> "	10.00
No. 729	8 <sup>5</sup> / <sub>8</sub> "	1 <sup>1</sup> / <sub>2</sub> "	5.50
No. 730	5 <sup>1</sup> / <sub>4</sub> "	1 <sup>1</sup> / <sub>4</sub> "	5.00
No. 730A	6 <sup>5</sup> / <sub>8</sub> "	1 <sup>1</sup> / <sub>4</sub> "	6.00
No. 731	6 <sup>1</sup> / <sub>2</sub> "	1 <sup>1</sup> / <sub>4</sub> "	5.50
No. 732	5 <sup>3</sup> / <sub>8</sub> "	1"	2.50

No. 729 can be made any length wanted, same price.



No. 729



No. 730-730A



No. 731, Offset ¾"



No. 732

All above made in Cast Brass and Bronze only.  
Add 10% to net cost for plated finishes.



No. 733



No. 734



No. 735



No. 736

	Center to Center	Dia. of Base	Price Each
No. 733	6 $\frac{1}{8}$ "	2 $\frac{1}{8}$ "	\$3.00
No. 734	6 $\frac{1}{8}$ "	2 $\frac{1}{8}$ "	3.00
No. 735	5 $\frac{3}{4}$ "	1 $\frac{7}{8}$ "	2.00
No. 736	5 $\frac{3}{4}$ "	1 $\frac{7}{8}$ "	2.00
No. 737	12"	1 $\frac{1}{8}$ "	6.50
No. 738	7 $\frac{1}{4}$ "	1 $\frac{1}{2}$ " x 2"	4.50
No. 739	6"	1"	4.00
No. 740	9 $\frac{1}{2}$ "	1"	4.50

No. 737 and 738 can be made any lengths wanted, same price.



No. 737



No. 738, Offset  $\frac{3}{4}$ "



No. 739



No. 740

All above made in Cast Brass and Bronze only.  
Add 10% to net cost for plated finishes.



**Cast in Brass, Bronze or Nickelene**

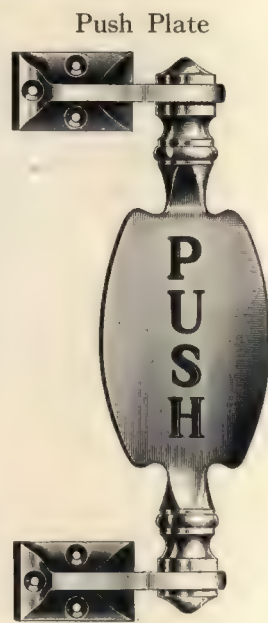


No. 741

Price Each .. \$7.00

No. 741  
Not Handed

Centers	8 $\frac{1}{4}$ "
Projection	2 $\frac{1}{2}$ "
Clearance	1 $\frac{3}{8}$ "
Offset Centers	1 $\frac{1}{8}$ "
Base Plates	$\frac{5}{8}$ " x 2"



No. 742

Price Each . . . \$9.00

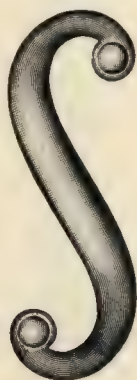
No. 742

Handed Right or Left

Centers	8 $\frac{1}{4}$ "
Projection	2 $\frac{1}{2}$ "
Clearance	1 $\frac{7}{8}$ "
Offset Centers	2"
Base Plates	1 $\frac{1}{2}$ " x 2"

Be sure to specify Hand Wanted on No. 742

Cut shows Right Hand Plate.

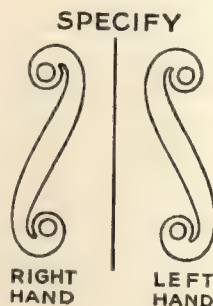


No. 743

No. 743  
Door Pull

Right and Left Hand

Length Over All	9 $\frac{1}{4}$ "
Center to Center	7 $\frac{1}{2}$ "

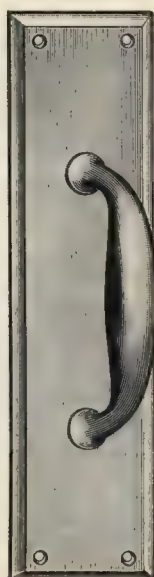


In Cast Brass, Bronze or Nickelene.  
In Cast Iron, Parker Rust Proofed.

Price Each . . . . . \$6.00  
Price Each . . . . . 3.00



No. 40 $\frac{1}{4}$ , Cast Iron  
No. 140 $\frac{1}{4}$ , Wrt. Steel



No. 40 $\frac{1}{2}$ , Cast Iron  
No. 140 $\frac{1}{2}$ , Wrt. Steel



No. 41 $\frac{1}{2}$ , Cast Iron  
No. 141 $\frac{1}{2}$  Wrt. Steel

### Cast Iron, Parker Rust Proof Finish

No. 40 $\frac{1}{4}$ , in 2 sizes only, 3" x 15" and 3 $\frac{1}{2}$ " x 16", each.....	\$5.00
No. 40 $\frac{1}{2}$ , in 2 sizes only, 3" x 15" and 3 $\frac{1}{2}$ " x 16", each.....	2.50
No. 41 $\frac{1}{2}$ , in 2 sizes only, 3" x 15" and 3 $\frac{1}{2}$ " x 16", each.....	1.75

### Wrought Steel. Parker Rust Proof Finish

No. 140 $\frac{1}{4}$ } 3" x 12", 3" x 15", 3 $\frac{1}{2}$ " x 16", 4" x 16" { Each.....	\$4.00
No. 140 $\frac{1}{2}$ } { Each.....	1.75
No. 141 $\frac{1}{2}$ } { Each.....	.80
All four sizes same price.	



**Made in Cast Brass, Bronze or Nickel Silver**  
 Not Made in Wrought Metal



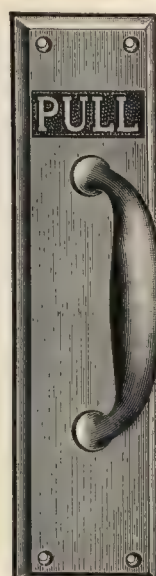
No. 043A



No. 43A



No. 042A



No. 42A

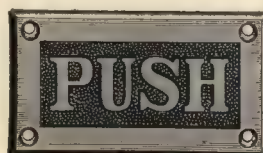
	043A	43A	042A	42A
3" x 12"	\$2.70	\$2.70	\$4.35	\$4.35
3" x 15"	2.88	2.88	4.50	4.50
3½" x 16"	3.16	3.16	4.80	4.80
4" x 16"	3.25	3.25	4.85	4.85
4" x 20"	4.50	4.50	6.20	6.20

Add 10% to net cost for special finishes.

Add 10% to net cost for Nickel Silver.



No. 1420

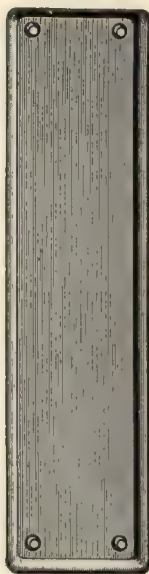


No. 1430

Made in 2 sizes, 1½" x 3½" and 3" x 3", each.....\$1.00  
 In cast brass, bronze or nickel silver.

# MONARCH

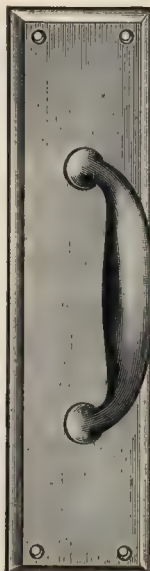
Made in Cast or Wrought Brass, Bronze or Nickel Silver



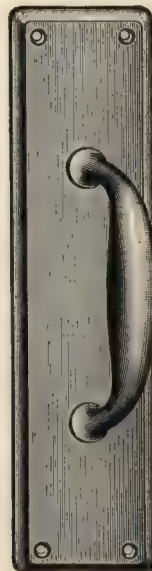
Cast, No. 043  
Wrt., No. 041



Cast, No. 43  
Wrt., No. 41



Cast, No. 42  
Wrt., No. 40



Cast, No. 042  
Wrt., No. 040

Cast	043	43	42	042
3" x 12"	<b>\$2.70</b>	<b>\$2.70</b>	<b>\$4.35</b>	<b>\$4.35</b>
3" x 15"	<b>2.88</b>	<b>2.88</b>	<b>4.50</b>	<b>4.50</b>
3½" x 16"	<b>3.16</b>	<b>3.16</b>	<b>4.80</b>	<b>4.80</b>
4" x 16"	<b>3.25</b>	<b>3.25</b>	<b>4.85</b>	<b>4.85</b>
4" x 20"	<b>4.50</b>	<b>4.50</b>	<b>6.20</b>	<b>6.20</b>

Add 10% to net cost for special finishes.

Add 10% to net cost for Nickel Silver.

Wrought	041	41	40	040
3" x 12"	<b>\$1.00</b>	<b>\$1.00</b>	<b>\$2.40</b>	<b>\$2.40</b>
3" x 15"	<b>1.10</b>	<b>1.10</b>	<b>2.50</b>	<b>2.50</b>
3½" x 16"	<b>1.20</b>	<b>1.20</b>	<b>2.60</b>	<b>2.60</b>
4" x 16"	<b>1.30</b>	<b>1.30</b>	<b>2.70</b>	<b>2.70</b>
4" x 20"	<b>1.40</b>	<b>1.40</b>	<b>2.80</b>	<b>2.80</b>

Add 10% to net cost for special finishes.

Add 10% to net cost for Nickel Silver.





No. 20



No. 22



No. 21



No. 21B



No. 21A



No. 21C

When Ordering 21, 21A, 21B, 21C  
Please Give the Lock Spacing Wanted

	No.	Size	Price Each
Door Pull	20	4" x 20"	\$11.00
Door Pull	20 $\frac{1}{4}$	3 $\frac{1}{4}$ " x 20"	10.00
Door Pull	20 $\frac{1}{2}$	3 $\frac{1}{2}$ " x 15"	9.00
Door Handle	21	4" x 20"	13.00
Door Handle	21 $\frac{1}{2}$	3 $\frac{1}{4}$ " x 20"	12.00
Push Plate	22	4" x 20"	8.00
Push Plate	22 $\frac{1}{4}$	3 $\frac{1}{4}$ " x 20"	7.00
Push Plate	22 $\frac{1}{2}$	3 $\frac{1}{2}$ " x 15"	5.00
Knob with Esct.	21A	2 $\frac{3}{4}$ " x 8 $\frac{1}{2}$ "	6.00
Knob with Esct.	21B	3" x 10 $\frac{1}{8}$ "	6.00
Knob with Esct.	21C	3 $\frac{1}{4}$ " x 8 $\frac{1}{2}$ "	6.00



No. 23  
No. 23A



No. 24



No. 25  
No. 25A



No. 24A



No. 24B

When ordering No. 24, 24B, 24A  
Please Give Lock Spacing

	No.	Size	Price Each
Door Pull	23	3 $\frac{5}{8}$ " x 18 $\frac{1}{2}$ " .....	\$ 9.00
Door Pull	23A	3 $\frac{5}{8}$ " x 13" .....	7.00
Door Handle	24	3 $\frac{5}{8}$ " x 18 $\frac{1}{2}$ " .....	9.00
Push Plate	25	3 $\frac{5}{8}$ " x 18 $\frac{1}{2}$ " .....	5.00
Push Plate	25A	3 $\frac{5}{8}$ " x 13" .....	4.50
Knob with Esct.	24A	2 $\frac{3}{4}$ " x 10" .....	6.00
Knob with Esct.	24B	3 $\frac{5}{8}$ " x 13" .....	7.00





No. 26



No. 27



No. 28



No. 27A



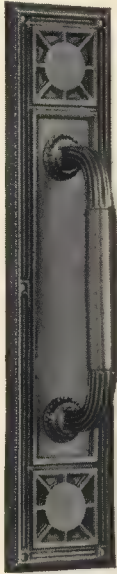
No. 27B

When ordering No. 27, 27A, 27B  
Please Give Lock Spacing

No.	Size	Price Each
26	3" x 16" .....	\$6.50
27	3" x 16" .....	7.00
27A	2½" x 8" .....	4.50
27B	3" x 10" .....	5.00
28	3" x 16" .....	4.50

No. 26, 27, 28 can be made 2½" x 16" if wanted.

# MONARCH



No. 29



No. 30



No. 31



No. 30A



No. 34



No. 35



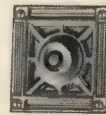
No. 30B



No. 32



No. 33



No. 36

	Size	No.	Price Each
Door Pull	4" x 18"	29	\$10.00
Door Pull	4" x 13 $\frac{1}{4}$ "	29A	9.00
Door Handle	4" x 18"	30	10.00
Push Plate	4" x 18"	31	6.50
Push Plate	4" x 13 $\frac{1}{4}$ "	31A	6.00
Knob with Esct.	3" x 10"	30A	6.00
Knob with Esct.	4" x 13 $\frac{1}{4}$ "	30B	7.50
Push Plate	2 $\frac{3}{4}$ " x 4"	34	2.00
Pull Plate	2 $\frac{3}{4}$ " x 4"	35	2.00
Knob, 2 $\frac{1}{4}$ " with Rose	2 $\frac{1}{2}$ " x 2 $\frac{1}{2}$ "	33	4.00
Cyl. Collar	3" x 3"	32	1.50
Push Button	3" x 3"	36	2.00

When ordering No. 30, 30A, 30B, give lock spacing.



*Cremorne Bolts*

Made in Cast Brass or Bronze



No. 6



No. 7



No. 11

No. 6 using $\frac{5}{8}$ " half round rod	Price, each.....	\$10.00
No. 7 " $\frac{5}{8}$ " " " "	" " .....	10.00
No. 11 " $\frac{5}{8}$ " " " "	" " .....	12.00

Nos. 6 and 7 can be furnished with  $\frac{1}{2}$ " half round same price  
Dull or Polished Brass or Bronze is stock finish  
Add 10% for special finishes  
Stock length 7' 6"

*Cremorne Bolts*

Made in Cast Brass or Bronze



No. 8



No. 10



No. 5

No. 8, using $\frac{5}{8}$ " half round rod.	Price each.....	\$10.00
No. 10, " $\frac{5}{8}$ " " " " " " "	" " .....	12.00
No. 5, Extra heavy, using 1" half round " " " "	" " .....	16.00

No. 8 can be furnished with  $\frac{1}{2}$ " half round same price

No. 10 is equipped with Dead Locking Device

Dull or Polished Brass or Bronze is stock finish

Add 10% for special finishes

Stock length 7' 6"





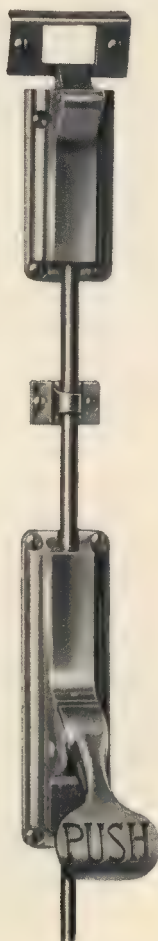
## Panic Exit Bolts



No. 2



No. 3



No. 4



No. 9

No. 2, using $\frac{3}{8}$ " round rod	Price each	\$22.00
No. 3, " $\frac{3}{8}$ " " "	" "	18.00
No. 4, " $\frac{3}{8}$ " " "	" "	20.00
No. 9, using $\frac{5}{8}$ " half round rod	" "	12.00

Nos. 2 and 4 have Spring Hinged Latch top and bottom

No. 2 is equipped with Automatic Dogging Device. Top strike releases Dogging Device when door closes

Center Boxes on Nos. 2, 3 and 4 equipped with strong springs to snap the handle back to closed position

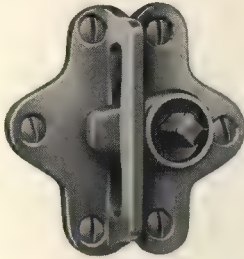
Dull or Polished Brass or Bronze is stock finish

Add 10% for special finishes.

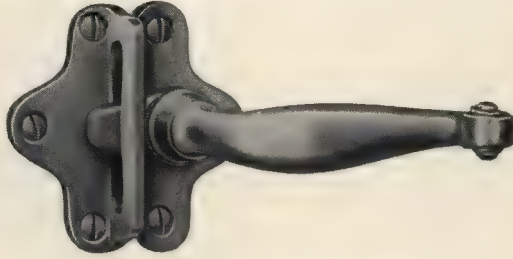
Always state exact length wanted

## Universal Casement Fastener

Made Extra Heavy for Hard Usage.  
Reversible. Can be Used Right or Left Hand.



No. 173, Size 3" x 3"



No. 173 x 222 Handle

Rim, surface or mortise strikes furnished. Always state which one you want.

All lever handles shown in our catalog will fit this fastener.

No. 173, without Handle, Price, each.....\$2.00  
No. 173 x 222 Handle, Price, each..... 4.50  
No. 173 x Any other lever handle. Add net cost of the handle selected to the No. 173.

---

No. 87, Casement Fastener, not reversible.



Strikes M



S



R

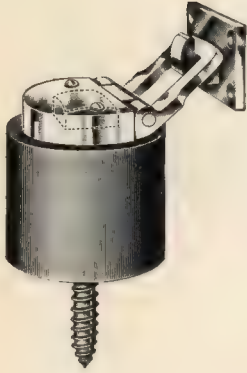
Size, 1 1/4" x 3". Projection over all 2".  
Length of Lever 3 1/4". Cuts above are right-hand.  
When ordering give hand and strike wanted.

Price each in Stock Finish.....\$3.00

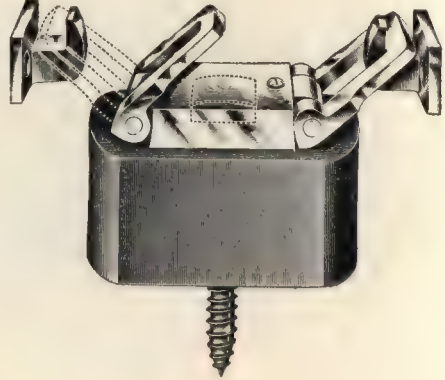
Add 10% for other finishes.

## Door Bumpers and Holders

In Cast Brass, Bronze or Nickelene



No. 296



No. 297

No. 296 Rubber 2" x 3" High.

Price Each.....\$3.50

No. 297 " 2½" x 4" x 3" High

Price Each..... 4.50

Bolt Head covered by Cap held in place by 2 screws.

Furnished regular with wood screw as shown.

Machine Screws and Expansion Shields when called for.



No. 5031



No. 5032



No. 5030

No. 5031, Base 1", height 1¼",

Price, each.....\$0.80

No. 5032, Base 1", length 2½",

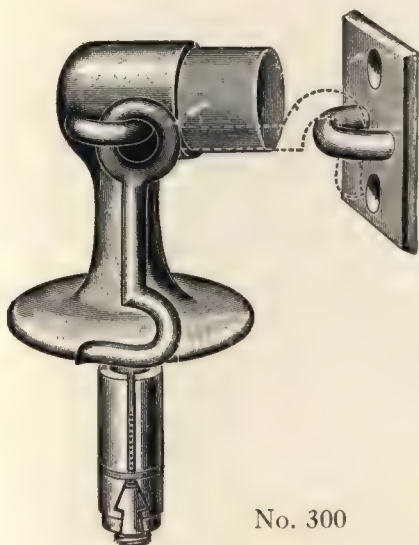
Price, each..... .90

No. 5030, Base 1¾", length 3½",

Price, each..... 1.00



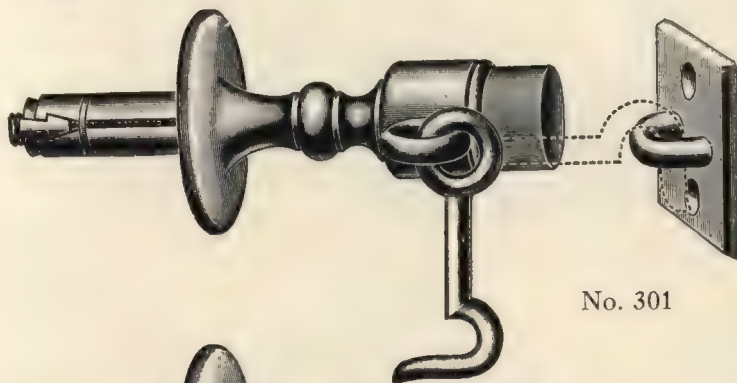
# *Door Bumpers*



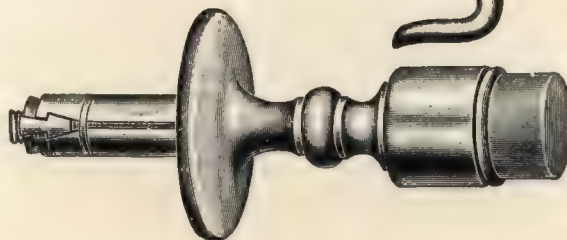
No. 300



No. 300½



No. 301



No. 301½

No. 300 and 301,	Price, each .....	\$2.50
No. 300½ and 301½,	Price, each .....	2.00

Made in Cast Brass and Bronze.

Add 10% for special finishes.

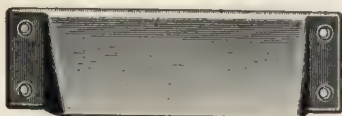


## Letter Box Plates

Made in Cast Brass or Bronze Only



No. 800, 801, 802



Inside Hood



No. 750



Inside Plate



Detail of No. 750

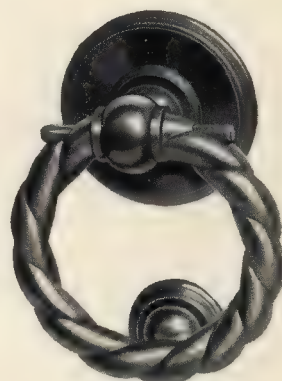
No.	Plate	Opening	Price
800 x Inside Hood	3" x 8"	1½" x 7"	\$ 7.00
800 x Inside Plate	3" x 8"	1½" x 7"	6.00
801 x Inside Hood	3¾" x 10"	2" x 7"	9.00
801 x Inside Plate	3¾" x 10"	2" x 7"	8.00
802 x Inside Hood	4" x 10"	2½" x 8½"	10.00
802 x Inside Plate	4" x 10"	2½" x 8½"	8.00
750 Vertical	3" x 8"	1½" x 7"	9.00

Give thickness of door when ordering No. 750.

*Extra Large Drop Ring Handles*



No. 060



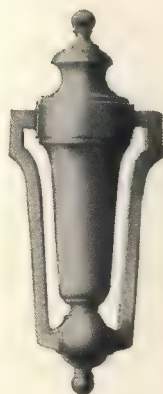
No. 061

No. 060, Dia. 6", Weight 7 lb.  
No. 061, Dia. 6", Weight 6 lb.

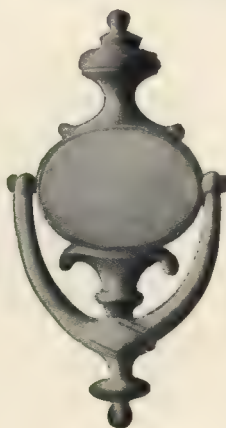
Price Each.....\$15.00  
Price Each..... 17.00

Advise if wanted for Pull only or for Knocker, or to operate a lock.  
And size of spindle wanted, and if lock hub sets on the square or diamond.

*Front Door Knockers*



No. 60



No. 61



No. 62

No. 60,  $3\frac{1}{2}" \times 8\frac{3}{4}"$   
No. 61,  $4\frac{7}{8}" \times 9\frac{1}{2}"$   
No. 62,  $2\frac{3}{4}" \times 8"$

Price, each.....\$5.00  
Price, each..... 6.00  
Price, each..... 4.00

Add 10% for special finish.

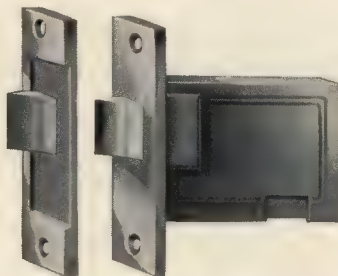


## *Mortise Exit Latches and Plates*

Made in Cast Brass or Bronze Only



No. 37



No. 38. Plain Face and Strike.

No. 38R. Protected Face and Strike.

When ordering 38R state hand wanted. Above cut shows L. H. R. B. Latch.

Plate No. 37, Size 1" x 5 $\frac{3}{4}$ ", Price each . . . . \$4.00

Latch No. 38, Price each . . . . . 2.50

Latch No. 38R, Price each . . . . . 4.00



No. 751



No. 752

No. 751, Size 1 $\frac{7}{8}$ " x 4 $\frac{1}{8}$ ", Price, each . . . . . \$3.00

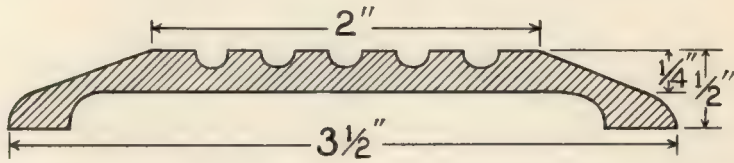
No. 752, Size 2" x 4", Price, each . . . . . 2.75

No. 751, Combination Knocker and Number Plate with Initial Letter on Same.

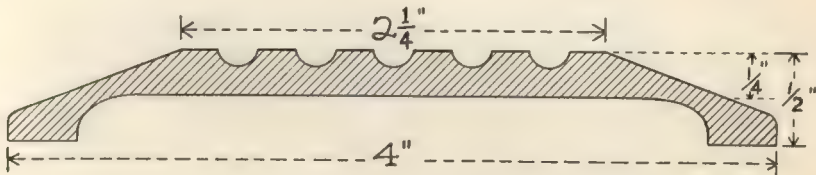
No. 752, Number Plate only.

Made in Cast Brass or Bronze Only

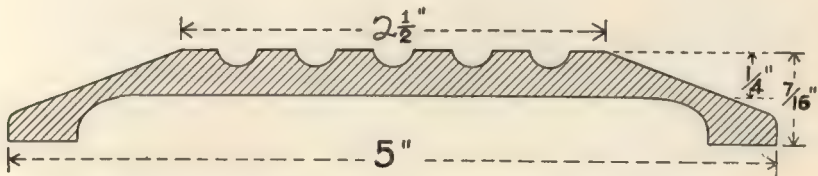
*Extruded Brass or Bronze Thresholds*



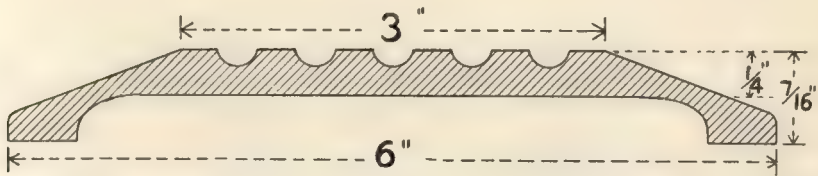
No. 2003, per lineal foot ..... \$3.25



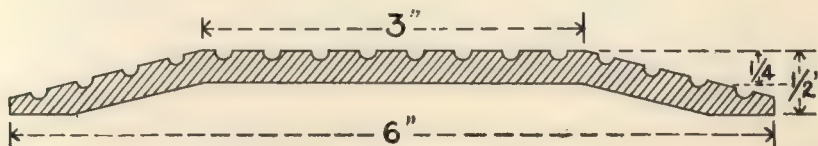
No. 2004, per lineal foot..... \$3.50



No. 2005, per lineal foot..... \$4.00

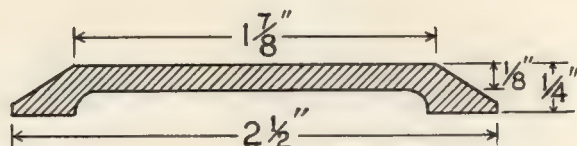


No. 2006, per lineal foot..... \$4.50

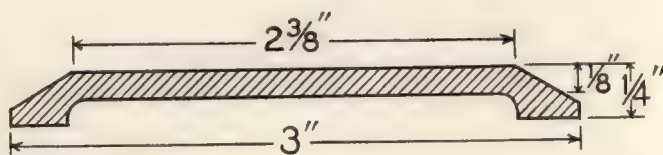


No. 2002, per lineal foot..... \$4.50

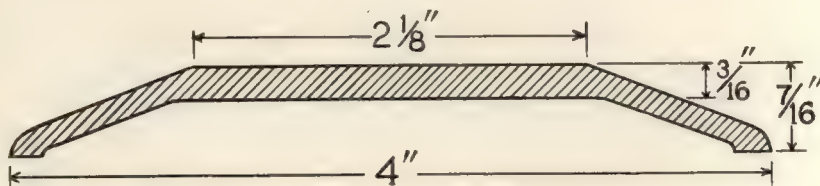
## *Extruded Brass or Bronze Thresholds*



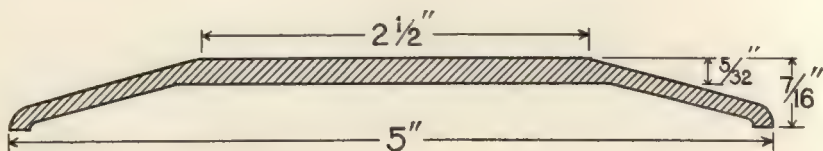
No. 2009, per lineal foot .....\$2.50



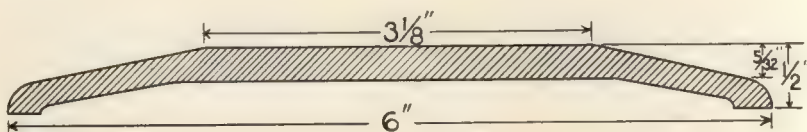
No. 2010, per lineal foot .....\$3.00



No. 2001, per lineal foot .....\$3.25



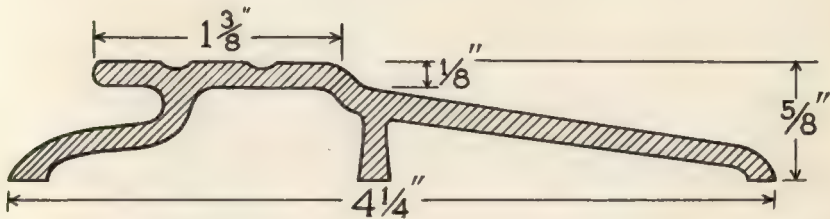
No. 2007, per lineal foot .....\$3.75



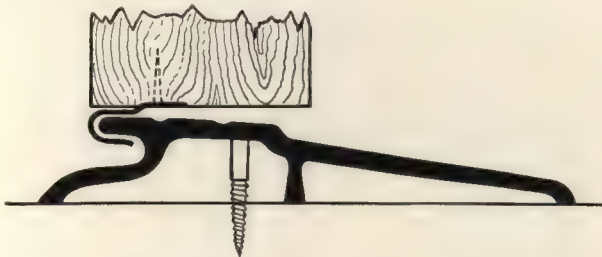
No. 2008, per lineal foot .....\$4.50



## Extruded Brass or Bronze Thresholds

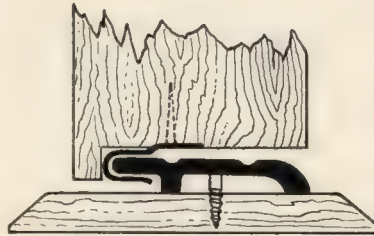
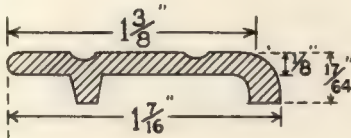


No. 2011, per lineal foot.....\$3.50



Showing No. 2011 Applied

Prices given include  
Spring Bronze  
Weatherstrip  
as Shown on Details



Showing No. 2012 Applied

No. 2012, per lineal foot.....\$1.50

## Rolled Steel Thresholds



No. 2054—4"—per lineal foot.....\$1.00  
No. 2055—5"—per lineal foot.....1.35  
No. 2056—6"—per lineal foot.....1.60  
No. 2058—8"—per lineal foot.....2.00

## KICK PLATES

Width Inches	Thick- ness of Metal, Brown & Sharpe Gauge	LENGTH IN INCHES							
		18	20	22	24	26	28	30	32
8	16	\$1.40	\$1.50	\$1.60	\$1.80	\$1.90	\$2.10	\$2.20	\$2.40
	14	1.50	1.70	1.90	2.10	2.30	2.50	2.70	2.90
	12	2.10	2.40	2.60	2.80	3.00	3.30	3.60	3.90
	8	3.00	3.30	3.70	4.00	4.30	4.60	5.00	5.30
10	16	1.80	1.90	2.10	2.30	2.50	2.70	2.90	3.10
	14	2.00	2.20	2.40	2.70	2.90	3.10	3.40	3.60
	12	2.60	2.90	3.20	3.50	3.80	4.10	4.40	4.70
	8	4.00	4.30	4.60	5.00	5.40	5.80	6.20	6.60
12	16	2.20	2.40	2.60	2.80	3.00	3.20	3.50	3.70
	14	2.60	2.80	3.00	3.20	3.40	3.70	4.00	4.30
	12	3.30	3.60	3.90	4.20	4.50	4.90	5.20	5.60
	8	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
14	16	2.40	2.70	3.00	3.30	3.50	3.80	4.10	4.40
	14	2.80	3.10	3.40	3.70	4.00	4.30	4.60	4.90
	12	3.70	4.10	4.50	4.90	5.30	5.70	6.10	6.50
	8	5.50	6.00	6.50	7.00	7.50	8.10	8.70	9.30
16	16	2.80	3.10	3.40	3.70	4.00	4.30	4.60	4.90
	14	3.00	3.30	3.90	4.20	4.50	4.90	5.20	5.60
	12	4.40	4.80	5.20	5.60	6.00	6.50	7.00	7.50
	8	6.20	6.80	7.40	8.00	8.60	9.30	9.90	10.60
18	16	3.10	3.40	3.80	4.10	4.50	4.90	5.20	5.60
	14	3.50	3.90	4.30	4.70	5.10	5.60	6.00	6.40
	12	5.00	5.30	5.80	6.30	6.80	7.40	7.90	8.40
	8	5.90	7.60	8.30	9.00	9.70	10.40	11.20	11.90

Above list is for Brass or Bronze only

Brass, bronze or nickel silver plates are not made over 18" high.

Monel metal, aluminum and steel plates are made any size.

Polished or dull finish is base on nickel silver, aluminum and Monel.

Polished finish is base on brass or bronze.

For dull brass or bronze add 8% to net cost.

For statuary bronze add 10% to net cost.

For any sanded finish add 20% to net cost.

Beveling extra 4 cents per lineal foot less the discount.

Square edges always furnished unless otherwise specified.

## KICK PLATES

Width Inches	Thick- ness of Metal, Brown & Sharpe Gauge	LENGTH IN INCHES							
		34	36	38	40	42	44	46	48
8	16	\$2.60	\$2.70	\$2.90	\$3.00	\$3.20	\$3.30	\$3.40	\$3.50
	14	3.10	3.30	3.50	3.70	3.90	4.10	4.30	4.40
	12	4.20	4.40	4.70	5.00	5.30	5.60	5.90	6.20
	8	5.70	6.00	6.30	6.70	7.10	7.40	7.70	8.00
10	16	3.30	3.50	3.70	3.90	4.10	4.30	4.50	4.70
	14	3.90	4.10	4.30	4.60	4.80	4.90	5.20	5.30
	12	5.00	5.30	5.60	5.90	6.20	6.50	6.80	7.10
	8	7.10	7.50	7.90	8.30	8.70	9.10	9.50	9.90
12	16	4.00	4.20	4.40	4.70	4.90	5.20	5.50	5.80
	14	4.60	4.80	5.10	5.40	5.70	6.00	6.30	6.60
	12	6.00	6.30	6.70	7.00	7.40	7.70	8.00	8.40
	8	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00
14	16	4.70	4.90	5.20	5.50	5.80	6.10	6.40	6.70
	14	5.30	5.60	5.90	6.20	6.50	6.80	7.10	7.40
	12	7.00	7.40	7.80	8.20	8.60	9.00	9.40	9.80
	8	9.90	10.40	11.00	11.60	12.20	12.80	13.40	14.00
16	16	5.20	5.50	5.80	6.20	6.50	6.80	7.10	7.40
	14	6.00	6.30	6.70	7.00	7.40	7.70	8.10	8.50
	12	8.00	8.40	8.90	9.40	9.90	10.40	10.90	11.40
	8	11.30	11.90	12.60	13.20	13.90	14.50	16.20	16.80
18	16	5.90	6.30	6.70	7.00	7.40	7.70	8.10	8.40
	14	6.80	7.20	7.70	8.10	8.50	8.90	9.40	9.90
	12	9.00	9.50	10.10	10.60	11.10	11.70	12.20	12.70
	8	12.70	13.40	14.10	14.90	15.60	16.30	17.00	17.70

Above list is for Brass or Bronze only

MONEL METAL,	per Square Inch	2 Cents
NICKEL SILVER,	per Square Inch	1½ Cents
STEEL, BAUER BARFF,	per Square Inch	½ Cent
ALUMINUM,	per Square Inch	1 Cent
STAINLESS STEEL,	per Square Inch	1½ Cents

Above five materials furnished in 16 gauge only

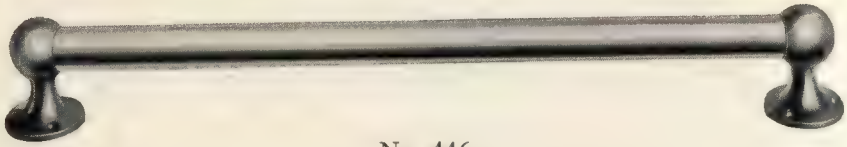
### We Use Brown & Sharpe Gauge

No. 16 B. & S. = .051 inches, or about 1/20 of an inch  
 No. 14 B. & S. = .064 inches, or about 1/16 of an inch  
 No. 12 B. & S. = .081 inches, or about 1/12 of an inch  
 No. 10 B. & S. = .102 inches, or about 1/10 of an inch  
 No. 8 B. & S. = .128 inches, or about 1/8 of an inch

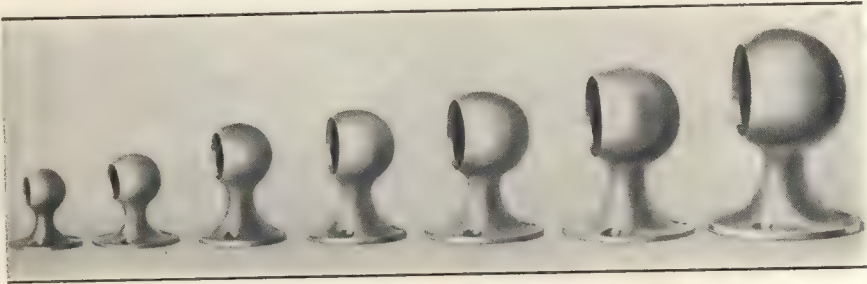


# MONARCH

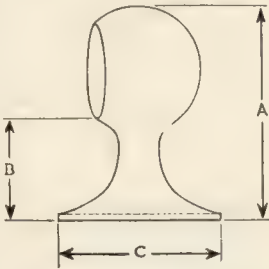
## Push Bars



No. 446



### Dimensions

	Size	1/2"	5/8"	3/4"	7/8"	1"	1 1/4"	1 1/2"
	A	1 5/8"	1 5/8"	2"	2"	2 1/2"	2 7/8"	3 1/8"
	B	7/8"	7/8"	1 1/8"	1 1/8"	1 3/8"	1 3/8"	1 1/2"
	C	1 1/2"	1 1/2"	1 5/8"	1 5/8"	1 7/8"	2 1/8"	2 1/2"
	Wt., Ozs., Per Pair	6	6	8	8	10	14	20
Brackets, Per Pair		1.25	1.40	1.50	1.70	2.00	2.20	2.40
Tubing, Per Foot		.35	.40	.45	.50	.60	.70	.80

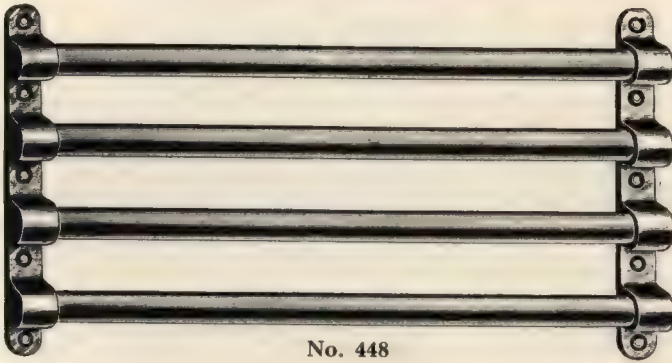
We use No. 18 gauge solid brass and bronze tubing on all push bars. Stock finish is polished or dull brass or bronze.

Add 10% to net cost for special finishes.

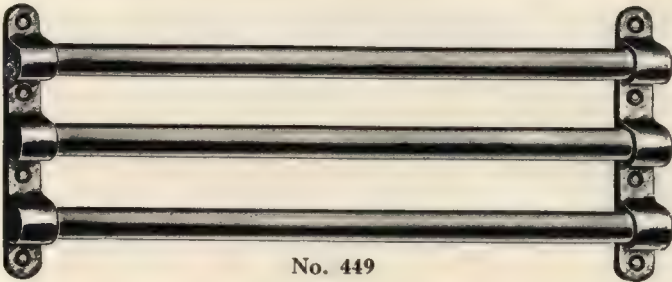
No tubing over 48" long shipped in less than 100 foot lots.

Special net prices quoted on stock orders.

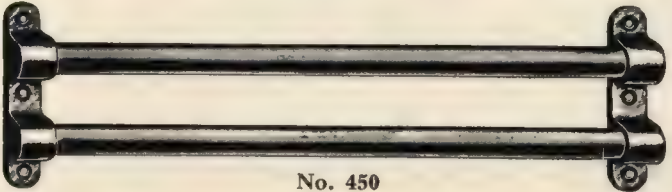
*Screen Door Guards*



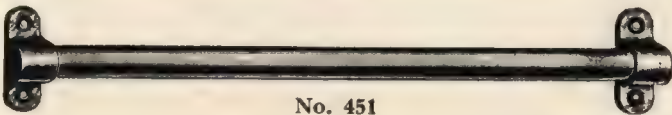
No. 448



No. 449



No. 450



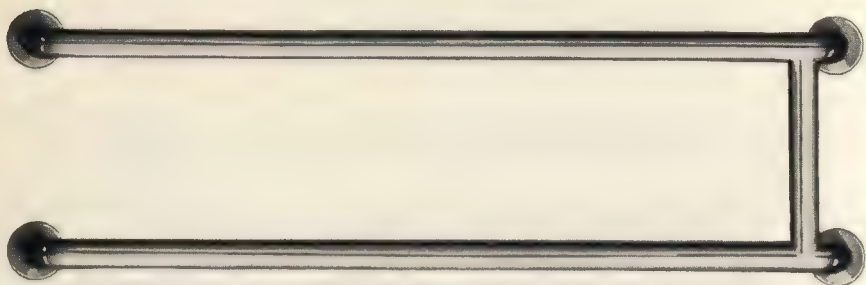
No. 451

End Brackets only, Per Pair	4 Section.....	\$2.70
	3 Section.....	2.20
	2 Section.....	1.50
	1 Section.....	1.00

$\frac{5}{8}$ " Polished Brass Tubing per lineal foot..... .40

All the above Guards are  $\frac{5}{8}$ " in diameter

No tubing over 48" long shipped in less than 100 foot lots.



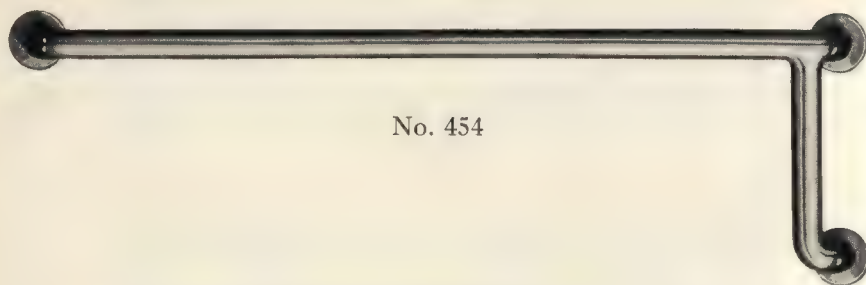
No. 452



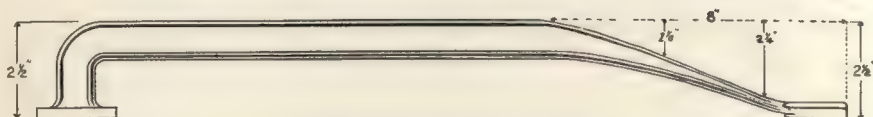
No. 453



No. 453 1/2



No. 454



Side View of No. 453 1/2

When ordering No. 454 state right or left hand. Above cut shows right hand bar.

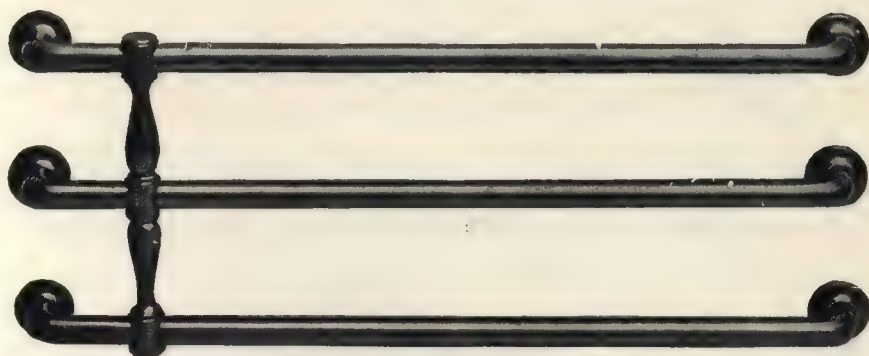
Tapped for machine screws or drilled for wood screws as ordered.

Price, each No. 452. ....	\$12.00
Price, each No. 453. ....	6.00
Price, each No. 453 1/2. ....	7.00
Price, each No. 454. ....	8.00

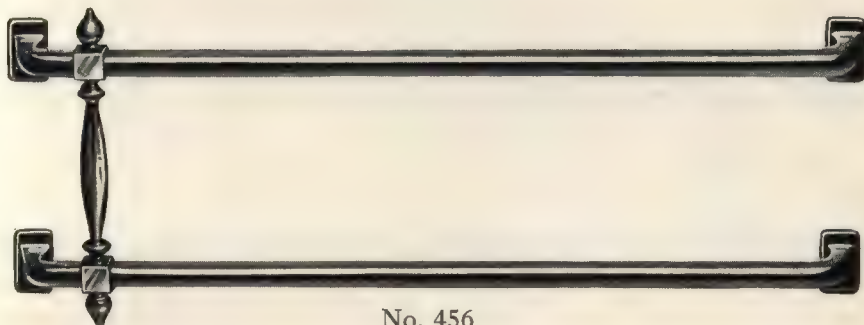
All above made of 1 1/8" heavy Brass, Bronze or Nickel Silver Tubing, with Cast Elbow Flanges.



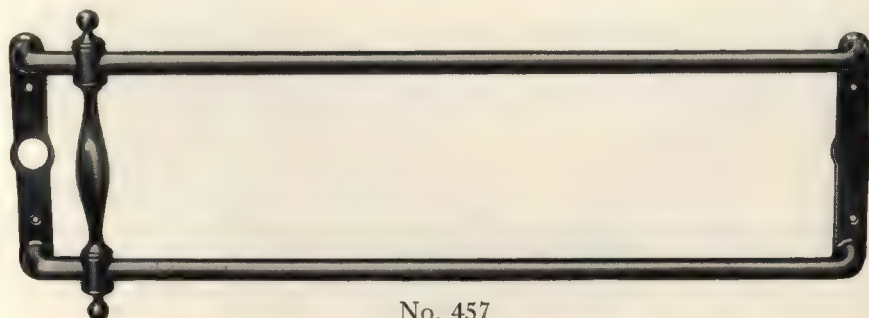
*Push Bars*



No. 455



No. 456



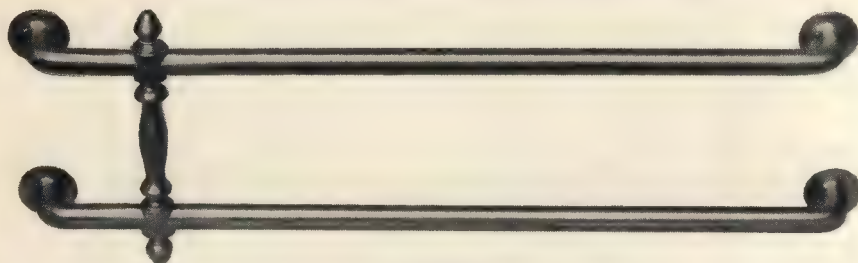
No. 457

Price, each No. 455.....	\$20.00
Price, each No. 456.....	16.00
Price, each No. 457.....	17.00

All above made of  $\frac{7}{8}$ " heavy Brass, Bronze or Nickel Silver Tubing,  
with Cast Elbow Flanges and Handles.

# *Push Bars*

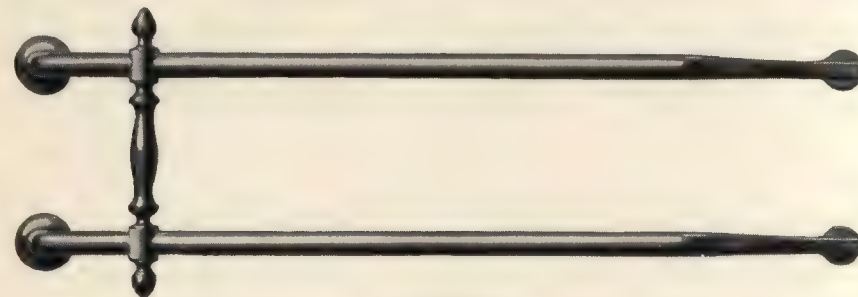
Made in Brass, Bronze or Nickel Silver



No. 458



No. 458½



No. 459



No. 459½



Side View of Set No. 459½

All above 7/8" in dia. with cast handles and flanges.  
Tapped for machine screws or drilled for wood screws

No. 458.....	Price Each.....	\$14.00
No. 458½.....	" " .....	5.00
No. 459.....	" " .....	16.00
No. 459½.....	" " .....	6.00

Polished or Dull Brass or Bronze is stock finish.

Add 10% for special finishes

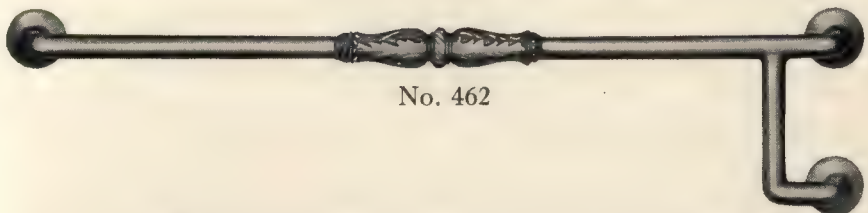
*Push Bars*



No. 460



No. 461



No. 462

When ordering No.—462 state the hand wanted.  
This cut shows right hand bar.



No. 463

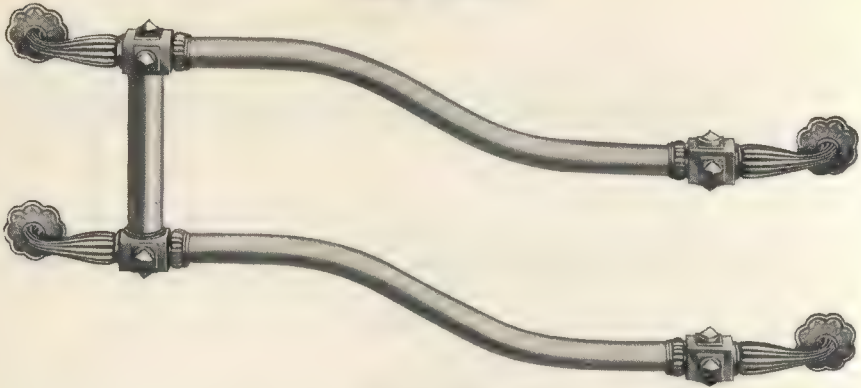
Price each, No.—460 .....	\$24.00
Price each, No.—461 .....	18.00
Price each, No.—462 .....	12.00
Price each, No.—463 .....	9.00

All Above made of heavy  $1\frac{1}{8}$ " Brass, Bronze or Nickel Silver Tubing  
cast elbows and center ornaments to match.



# MONARCH

## Push Bars



No. 464

When ordering No.—464 state the hand wanted.

This cut shows left hand bar.

Height— $9\frac{1}{2}$ " over all  $\times$  any length.

Made of heavy  $1\frac{1}{8}$ " Brass, Bronze or Nickel Silver Tubing, Flanges and Ornaments cast from material to match.



No. 465

Same Diameter and Material as 464.



No. 466—Push

No. 467—Pull

No.—466 and 467 made of  $\frac{7}{8}$ " tubing with cast Flanges and center piece.  
Height  $10\frac{1}{4}$ "  $\times$  any length.

No. 467 same as 466, only with word "Pull" in center.

Price Each, No.—464.....	\$30.00
Price Each, No.—465.....	14.00
Price Each, No.—466.....	30.00
Price Each, No.—467.....	30.00

*Push Bars*



No. 468

Price Each.....\$18.00

Made of heavy  $\frac{7}{8}$ " Brass Bronze or Nickel Silver Tubing.

Elbows, Flanges and Scroll cast from same material.

Scroll  $4\frac{1}{4}$ " x  $10\frac{3}{4}$ ". Flanges  $5\frac{1}{16}$ " centers 2" in dia.

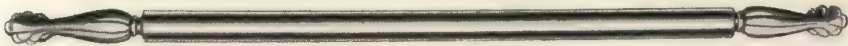


No. 469

Price Each.....\$16.00

Made of  $1\frac{1}{8}$ " Heavy Brass, Bronze or Nickel Silver Tubing.

Ends and Center Ornament cast from same material.

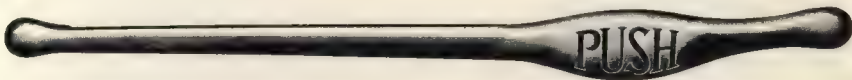


No. 470

Price Each.....\$ 8.00

Made of  $1\frac{1}{8}$ " Heavy Brass, Bronze or Nickel Silver Tubing.

Ends cast from same material.



No. 471

Price Each.....\$10.00

Cast in one piece of Brass, Bronze or Nickel Silver.

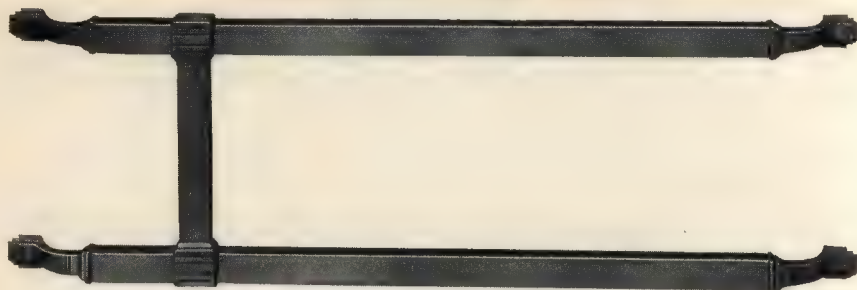
Made right and left hand. Not reversible.

Above cut shows right hand. Specify hand wanted.

Add 10% to all above prices for special finishes.

# MONARCH

## Modernistic Push Bars



No. 472

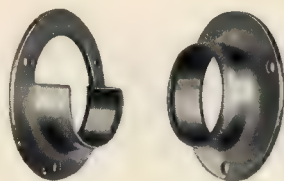


No. 473

Made of  $\frac{7}{8}$ " square Tubing, with Cast Fittings.

No. 472, Handle $\frac{7}{8}$ " centers.	Price Each.....	\$20.00
No. 473,	Price Each.....	9.00

## Brass Wardrobe Poles



Pole Sockets



Center Support

On extra long poles we advise using one center support.

They are made to drop from 2" to 5" as called for.

Center Supports.....	Each	\$2.00
Pole Sockets. Per Pair.....	<div> <math>\frac{3}{4}</math>" ..... .80  1" ..... .85  <math>1\frac{1}{2}</math>" ..... .90 </div>	
Polished Brass Tubing. Per Foot.....	<div> <math>\frac{3}{4}</math>" ..... .45  1" ..... .60  <math>1\frac{1}{2}</math>" ..... .80 </div>	

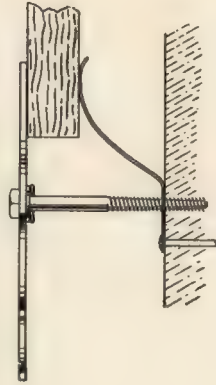
Add 10% for Dull or Polished Nickel Finish.



### Blind Turnbuckles



No. 861



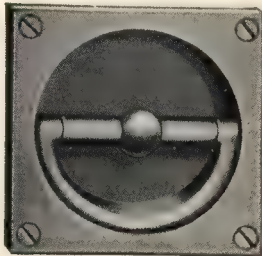
Complete as shown, with back springs, per pair ..... **\$1.00**  
 Stamped from  $\frac{1}{8}$ " cold rolled steel. Parker rust proofed.

One lag screw  $\frac{5}{16}$ " x 6" packed with each. The lag screws are drilled for cotter pins—back of the turnbuckle. Length of turnbuckle  $8\frac{3}{8}$ ".

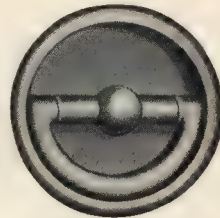
Our turnbuckles are reversible, they are finished on both sides and can be changed from right to left-hand by putting the lag screw or bolt through from the opposite side.

### Cast Flush Cup Handles

Made in Cast Brass or Bronze only.



No. 850



No. 851

No. 850,  $2\frac{5}{8}$ " x  $2\frac{3}{4}$ ", price each ..... **\$3.00**

No. 851, 3", price each ..... **3.00**

Stock Finish, Polished or Dull Brass or Bronze.

Add 10% to net prices for special finishes.



## *The Monarch Transom Operator*



Operates with a cord from the floor.

Can be used on transoms opening in or out, hinged top or bottom or pivoted in center; operates easily and without noise and acts as a positive lock for the transom.

Made only in Cast Brass or Bronze.

Size of Screw  $\frac{1}{2}$ " x 6"

Price each, including cord . . . . . \$7.00

# Monarch Steel Window Poles



## Prices

60" Per Dozen . . . . .	<b>\$18.00</b>
72" " " . . . . .	<b>19.00</b>
84" " " . . . . .	<b>20.00</b>
96" " " . . . . .	<b>21.00</b>

## Weight

60" Per Dozen . . . . .	15 Lbs.
72" " " . . . . .	18 "
84" " " . . . . .	21 "
96" " " . . . . .	24 "

Packed in Cartons of 12 Each

Made of  $\frac{3}{4}$ " Steel Tubing with Cast Iron Hook and Rubber Tip

Stock Finish is Black Enamel.

Above Prices Subject to Our Regular Trade Discount.

Add 20% to net Cost for Walnut or Mahogany Finishes.

Note the Perfect Joint where the Steel Tubing  
is spun onto the Cast Iron Hook.





# Monarch

## ANTIQUE Builders Hardware

### *Material*

All hammered items shown in this catalogue are cast from Nickeline metal, Copper, and Brass, and guaranteed never to rust.

### *Finishes*

Hammered Old Iron.  
Hammered Old Bronze.  
Hammered Old Brass.  
Hammered Rusted Iron.

### *Prices*

All finishes are the same price, and all made F. O. B. Detroit. Terms, 2-10, net 30 days.

Prices quoted on special hardware from details or descriptions.

*Door Handles*



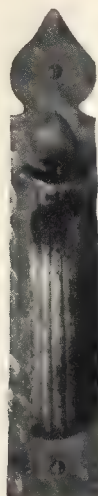
H 800  
2½" x 10"  
\$5.50 each.



\*H 801  
2¾" x 10½"  
\$5.50 each.



H 802  
2½" x 10"  
\$5.50 each.



H 803  
2" x 10"  
\$6.00 each.



H 804  
3" x 12"  
\$5.50 each.



H 805  
3½" x 12"  
\$7.00 each.



H 806  
4" x 13"  
\$8.00 each.



H 807  
2½" x 11¼"  
\$5.50 each.

\*H 801 is made in three sizes: 2¾" x 10½", 1¾" x 9" and 2" x 7¾".

*Cylinder collar to match always furnished with each handle*



MONARCH

*Door Handles*



H 808  
25 $\frac{5}{8}$ " x 10 $\frac{3}{4}$ "  
\$5.50 each.



H 809  
23 $\frac{1}{4}$ " x 11 $\frac{3}{4}$ "  
\$5.50 each.



H 810  
25 $\frac{5}{8}$ " x 11 $\frac{1}{2}$ "  
\$5.50 each.



H 811  
23 $\frac{1}{4}$ " x 9 $\frac{1}{2}$ "  
\$7.00 each.



H 813  
21 $\frac{1}{2}$ " x 13"  
\$8.00 each.



H 814  
23 $\frac{3}{8}$ " x 12"  
\$5.50 each.



H 815  
25 $\frac{5}{8}$ " x 10"  
\$5.50 each.



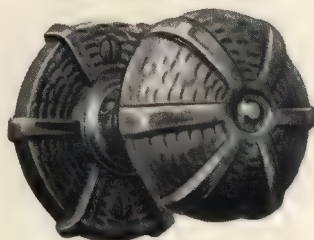
H 816  
3" x 12"  
\$6.00 each.

*Cylinder collar to match always furnished with each handle*

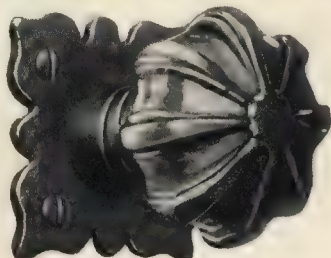
*Cast Door Knobs With Roses*



H 15.  
Knob  $2\frac{1}{4}$ ". Rose  $2\frac{3}{4}$ " x  $2\frac{3}{4}$ ".



H 19  
Knob  $2\frac{1}{4}$ ". Rose  $2\frac{3}{8}$ ".



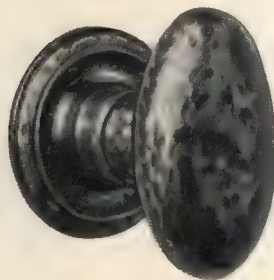
H 16  
Knob  $2\frac{1}{4}$ ". Rose  $2\frac{1}{4}$ " x  $2\frac{1}{4}$ ".



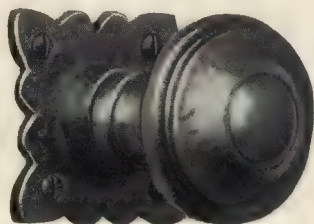
H 20  
Knob  $2\frac{1}{8}$ ". Rose  $2\frac{1}{8}$ ".



H 17  
Knob  $2\frac{1}{4}$ ". Rose  $2\frac{1}{4}$ " x  $2\frac{1}{4}$ ".



H 21  
Knob  $1\frac{1}{2}$ " x  $2\frac{5}{8}$ ". Rose 2".



H 18  
Knob  $1\frac{7}{8}$ ". Rose  $1\frac{7}{8}$ " x  $1\frac{7}{8}$ ".

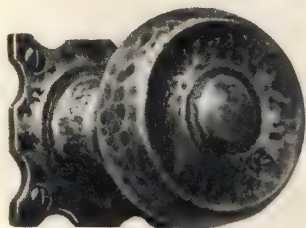


H 22  
Knob  $1\frac{3}{4}$ ". Rose  $2\frac{1}{8}$ ".

Price for one knob with rose, \$3.00

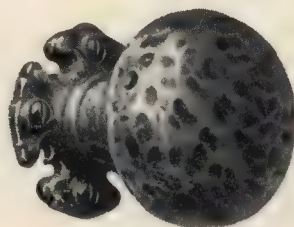


*Cast Door Knobs with Roses*



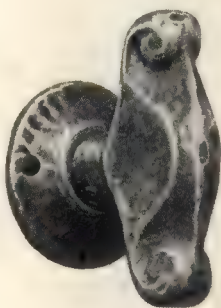
H 23

Knob 2". Rose  $1\frac{3}{4}$ "



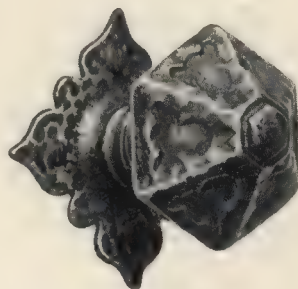
H 24

Knob 2". Rose  $1\frac{3}{4}$ "



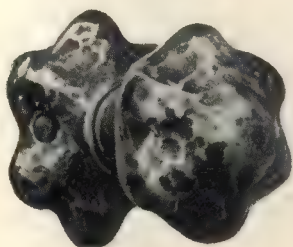
H 25

Knob  $\frac{7}{8}$ " x 3". Rose 2"



H 26

Knob  $2\frac{7}{8}$ " x  $2\frac{7}{8}$ "  
Rose  $2\frac{1}{4}$ " x  $2\frac{1}{4}$ "



H 27

Knob  $2\frac{1}{4}$ "  
Rose  $2\frac{3}{8}$ " x  $2\frac{3}{8}$ "



H 28

Knob  $2\frac{1}{4}$ ". Rose  $3\frac{1}{4}$ " x  $3\frac{1}{4}$ "

Price for 1 Knob with Rose.....\$3.00





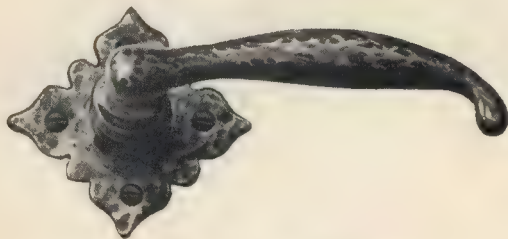
## Lever Handles and Roses



H 222 lever 5"

With rose  $1\frac{7}{8}$ " x  $4\frac{1}{4}$ "

Price each.....\$4.50



H 221 lever  $4\frac{1}{2}$ "

With rose  $2\frac{7}{8}$ " x  $2\frac{7}{8}$ "

Price each.....\$3.50

Please state what hand you want.

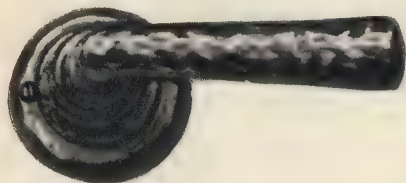


H 223 lever  $4\frac{1}{2}$ "

With rose  $1\frac{5}{8}$ " x  $2\frac{5}{8}$ "

Price each.....\$3.50

Please state what hand you want.



H 214 lever  $3\frac{1}{2}$ "

With rose  $1\frac{5}{8}$ "

Price each.....\$3.00

All levers are made for  $\frac{5}{16}$ " screw spindle, 2 set screws in each.

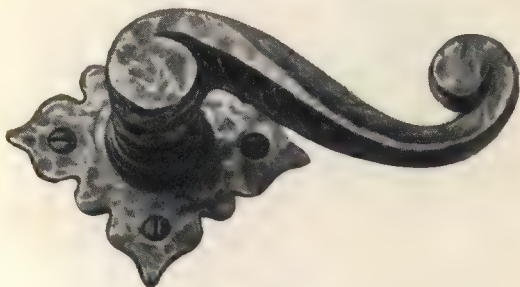
Made for  $\frac{3}{8}$ " screw spindle when called for.

Advise hand wanted on H 221 and H 223—Above cut shows right hand.

*Price given is for 1 lever and 1 rose.*



## *Lever Handles and Roses*



H 219 lever 4"

With rose 3" x 3"

Price each.....**\$4.00**

Please state what hand you want.



H 231 lever 4"

With rose 1 $\frac{5}{8}$ " x 2 $\frac{5}{8}$ "

Price each.....**\$3.50**

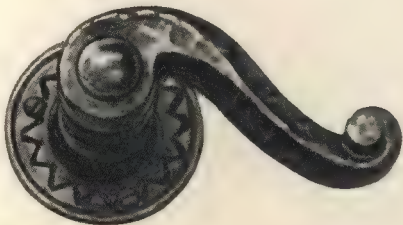


H 217 lever 3 $\frac{1}{2}$ "

With rose 1 $\frac{3}{8}$ " x 2 $\frac{1}{4}$ "

Price each.....**\$3.00**

Please state what hand you want.



H 219 lever 3"

With rose 1 $\frac{7}{8}$ "

Price each.....**\$3.00**

Please state what hand you want.

All levers made for  $\frac{5}{16}$ " screw spindle, 2 set screws in each.

Made for  $\frac{3}{8}$ " screw spindle when called for.

All above show right hand—Always advise what hand you want.

*Price given is for 1 lever and 1 rose.*



# MONARCH



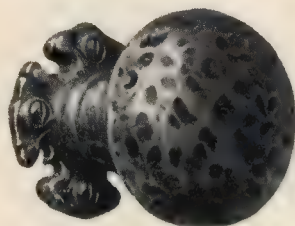
H 24A Lever 4"  
Rose 1 $\frac{7}{8}$ "



H 24B

Price Each  
No. H 24A.....\$3.00

No. H 24B..... .50



H 24 Knob 2"  
Rose 1 $\frac{3}{4}$ "



H 24C

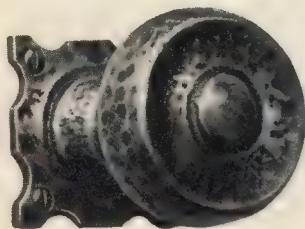
No. H 24..... 3.00

No. H 24C..... 1.50



H 23A Lever 4"  
Rose 1 $\frac{1}{2}$ "

No. H 23A..... 3.00



H 23 Knob 2"  
Rose 1 $\frac{1}{4}$ "



H 23C



H 23B

No. H 23..... 3.00

No. H 23C..... 1.50

No. H 23B..... .50





*Cast Key Plates*



H 278— $1\frac{5}{8}$ "x $2\frac{3}{8}$ "



H 273— $1\frac{1}{8}$ "x2"



H 275— $1\frac{1}{2}$ "x $2\frac{1}{8}$ "



H 276—1"x $1\frac{7}{8}$ "



H 274—1"x $1\frac{1}{2}$ "



H 277— $1\frac{5}{8}$ "x $1\frac{3}{4}$ "



H 279— $1\frac{5}{8}$ "x $1\frac{5}{8}$ "



H 279A— $1\frac{3}{8}$ "



H 279B— $1\frac{1}{4}$ "x $1\frac{5}{8}$ "



H 279C— $1\frac{1}{2}$ "x $1\frac{1}{2}$ "



H 271— $1\frac{1}{2}$ "x $1\frac{1}{2}$ "

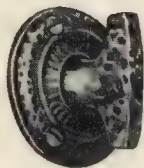


H 272— $1\frac{3}{8}$ "

Covered type, \$1.00 each. Plain type, 50 Cents each.



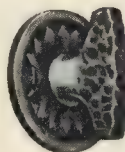
### Cast Turn Knobs



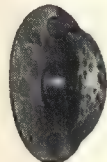
H 281— $1\frac{5}{8}$ "



H 282— $1"$ x $1\frac{3}{4}"$



H 283— $1\frac{3}{8}"$



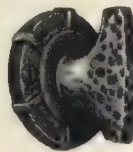
H 284— $1"$ x $1\frac{1}{2}"$



H 286— $1\frac{3}{4}"$



H 289— $1\frac{1}{2}"$



H 290— $1\frac{1}{2}"$



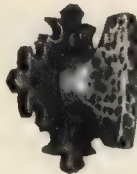
H 291— $1\frac{1}{2}"$ x $1\frac{1}{2}"$



H 292  
 $1\frac{1}{2}"$ x $1\frac{3}{4}"$



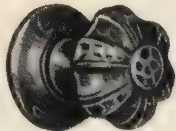
H 293  
 $1\frac{3}{8}"$ x $1\frac{3}{8}"$



H 294  
 $1\frac{3}{4}"$ x $1\frac{3}{4}"$



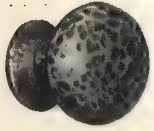
H 295  
 $1\frac{1}{2}"$ x $2\frac{1}{8}"$



H 285— $1\frac{1}{4}"$



H 287— $1\frac{1}{4}"$



H 288— $1\frac{1}{4}"$

All Turn Knobs have  $\frac{3}{16}"$  spindle unless ordered otherwise and set on the diamond unless ordered set on the square.

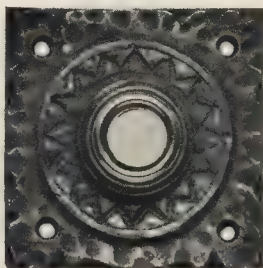
Price each \$1.20



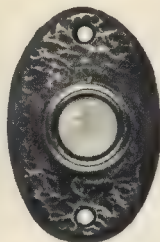
*Cast Electric Push Buttons*



$2\frac{1}{8}'' \times 2\frac{1}{8}''$   
H 160



$2\frac{3}{8}'' \times 2\frac{3}{8}''$   
H 161



$1\frac{1}{2}'' \times 2\frac{1}{8}''$   
H 162



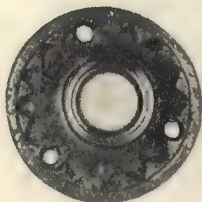
$1\frac{1}{2}'' \times 2\frac{3}{4}''$   
H 163



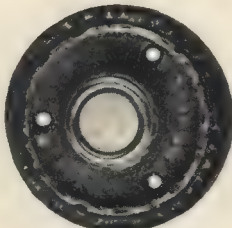
$1\frac{3}{4}'' \times 4\frac{1}{8}''$   
H 164



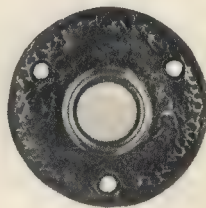
$1\frac{5}{8}'' \times 2\frac{3}{4}''$   
H 165



$1\frac{3}{4}''$   
H 166



$2\frac{1}{8}''$   
H 167



$1\frac{3}{4}''$   
H 168

Price \$1.20 Each



## Drop Ring Drawer Pulls



H 8  
1 1/2" x 2 1/4"  
\$2.00 each



H 10  
1 1/4" x 1 3/4"  
\$1.50 each

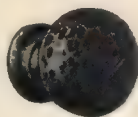


H 11  
1 1/4" x 1 3/4"  
\$1.50 each

## Cast Drawer Knobs



H 12  
1 1/4"  
\$1.00 each



H 13  
1 1/4"  
\$1.00 each



H 14  
1 1/4"  
\$1.00 each

H 5  
Cremorne Bolt  
Cut—Shows Right  
Hand  
Price each **\$15.00**

All Drawer Pulls and Knobs tapped in back.  
Screws and Washers furnished with each.

You can have any hammered lever handle shown in this catalogue on above Cremorne Bolt at the same price.



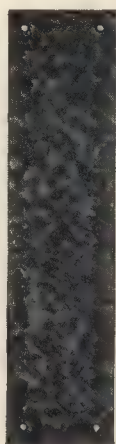
This turnbuckle is made of cast nickelene 1/8" thick.  
One Lag Screw 5/16" x 6" packed with each. The screws  
are drilled for cotter pins back of the turnbuckle.  
They are finished on both sides and are reversible.

Price, Per Pair. . . . . **\$1.50**

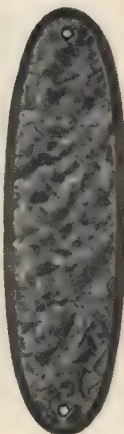
**Cast Brass, Bronze or Nickelene**



H 1505-1506



H 43-44



H 45



H 46-47



H 48

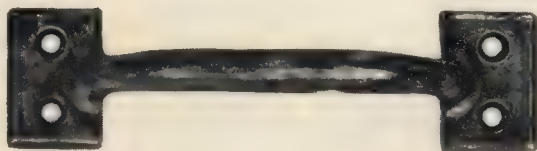
Number	Size	Price
H 43	3" x 12"	\$3.00
H 44	4" x 16"	4.00
H 45	3 1/4" x 11 1/2"	3.00
H 46	3" x 12"	4.00
H 47	3" x 18"	6.00
H 48	3 1/4" x 11 1/2"	6.00

When ordering H 48 give lock spacing

H 1505	1" x 12"	3.00
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Made any length shorter if called for.

H 1506	1/2" x 6"	2.00
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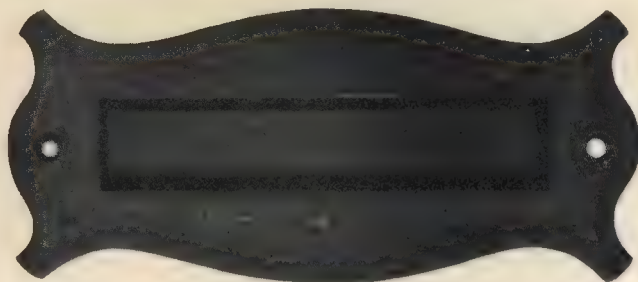
Cast Sash Lifts 4", each.....\$0.50



Cast Studs

Made in 5 sizes, 3/8", 5/8", 7/8", 1", 1 1/4"  
 3/8", 5/8", 7/8" 10 Cents each  
 1" and 1 1/4" 14 Cents each

## *Cast Letter Box Plates*



H 120

No.	Size Over All	Size of Opening	Price Each
H 120	4" x 9½"	1½" x 7"	<b>\$5.00</b>



H 121      H 121A      H 121B

No.	Size Over All	Size of Opening	Price Each
H 121	3" x 9¼"	1½" x 7"	<b>\$5.00</b>
H 121A	4" x 10"	2" x 7"	<b>7.00</b>
H 121B	4½" x 11½"	2½" x 8½"	<b>9.00</b>

Back Plates included in above prices.



*Cast Front Door Knockers*



H 66 3" x 6"



H 63 3½" x 4½"



H 62 4⅜" x 6¼"



H 65 3" x 4½"



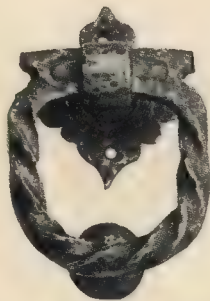
H 70 3¼" x 5"



H 64 2½" x 4¼"



H 68 3¼" x 4½"



H 69 3¼" x 4½"



H 67 4¼" x 4¼"

Price, each .....\$7.00

# *H and HL Hinge Plates*

Cast Brass, Bronze or Nickelene



No. 1437

Price, \$5.00

No. 1438

Price, \$5.00

Plates are 7" long x 1½" x 6" wide.

Above are reversible, both sides are finished.



No. 1439

Price, \$4.00



No. 1440

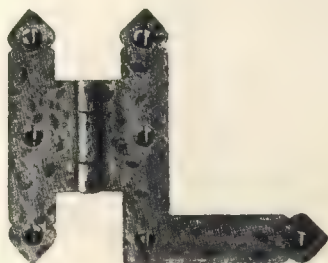
Price, \$4.00

Plates are 7" long by 1½" wide

All above priced per pair (4 pieces)

# *H and HL Hinges*

Cast Brass, Bronze or Nickelene



No. 1441. 4"x5"

Price per pair .....\$4.00



No. 1442. 4"x5"

Price per pair .....\$4.00



No. 1443. 4"x2 1/2"

Price per pair .....\$3.00



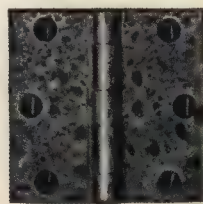
No. 1444. 4"x2 1/2"

Price per pair .....\$3.00



No. 1445

Size	Per Pair
3" x3" .....	\$3.00
3 1/2" x3 1/2" .....	3.50
4" x4" .....	4.00



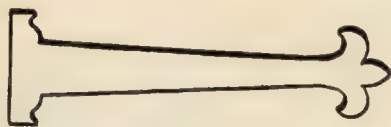
No. 1446

Size	Per Pair
2" x2" .....	\$1.50
2 1/2" x2 1/2" .....	2.00
3" x3" .....	2.50



# *Hand Hammered Hinge Plates*

Cast in Brass, Bronze and Nickelene



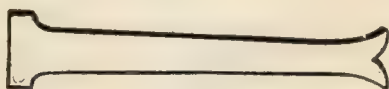
H-1400

5½"x12"	\$5.00	5½"x28"	\$ 8.00
5½"x18"	5.00	5½"x32"	9.00
5½"x21"	6.00	5½"x36"	10.00
5½"x24"	7.00		



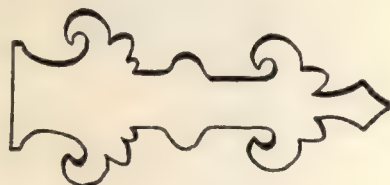
1404

4½"x11"	\$4.00
6" x14"	6.00



1401

3½"x18"	\$5.00
5" x24"	7.00



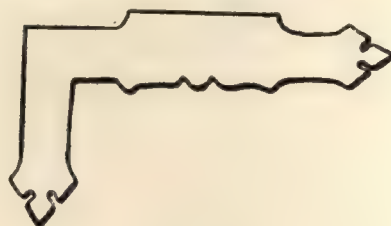
1404½

8"x12"—5" Butt	\$ 5.00
8"x18"—5" Butt	7.00
8"x22"—5" Butt	8.00
8"x27"—5" Butt	10.00



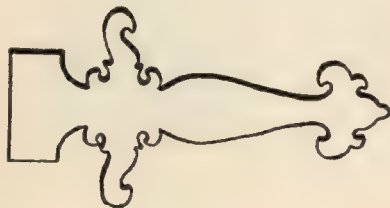
1402

7"x18"—5" Butt	\$ 7.00
7"x24"—5" Butt	9.00
7"x39"—5" Butt	12.00



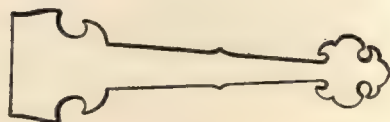
1405

7"x12"	\$5.00
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1403

9"x18"—5" Butt	\$6.00
9"x28"—5" Butt	7.00

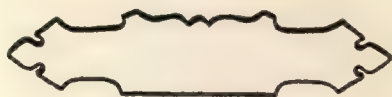


1406

5½"x18"—5" Butt	\$5.00
5½"x28"—5" Butt	8.00

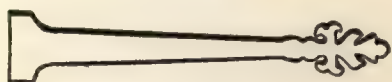
# Hand Hammered Hinge Plates

Cast in Brass, Bronze and Nickelene



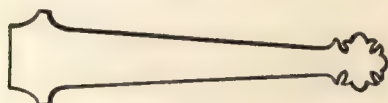
1407

21½"x11½" \$4.00



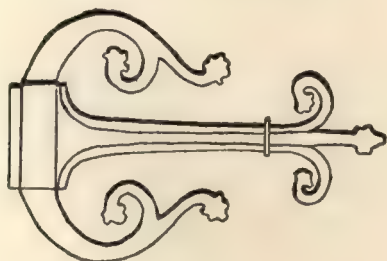
1408

3" x12½"	\$5.00	5"x24"	\$ 7.00
4" x18"	6.00	5"x30"	8.00
4½"x22"	7.00	5"x36"	10.00



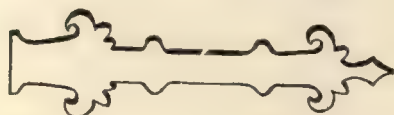
1408½

6"x24"—4" Butt \$7.00



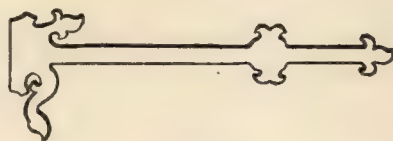
1411

14½"x22"—6" Butt \$12.00



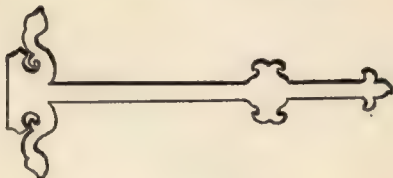
1412

8"x29¼"—5" Butt \$7.00



1409

8½"x 4"—4" Butt	\$4.00
8½"x10"—4" Butt	4.00
8½"x20"—4" Butt	6.00
8½"x25"—4" Butt	7.00
8½"x28"—4" Butt	8.00



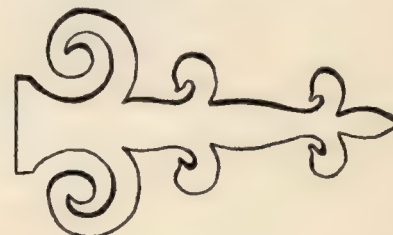
1409½

10"x 4"—4" Butt	\$4.00
10"x10"—4" Butt	4.00
10"x20"—4" Butt	6.00
10"x25"—4" Butt	7.00
10"x28"—4" Butt	8.00



1409½

8½"x 4"—4" Butt	\$4.00
8½"x10"—4" Butt	4.00
8½"x20"—4" Butt	6.00
8½"x25"—4" Butt	7.00
8½"x28"—4" Butt	8.00

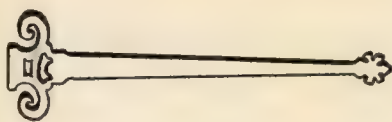


1410

14½"x25½"—6" Butt \$14.00

## *Hand Hammered Hinge Plates*

Cast in Brass, Bronze and Nickelene



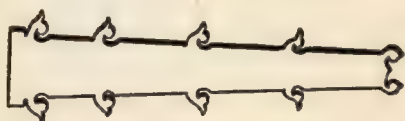
1413

$12\frac{1}{2}" \times 44"$ —5" Butt **\$15.00**



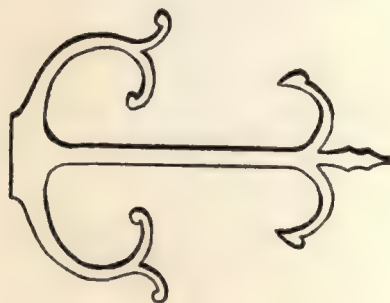
1418

$9" \times 18\frac{3}{4}"$ —4 $\frac{1}{2}"$  Butt **\$9.00**



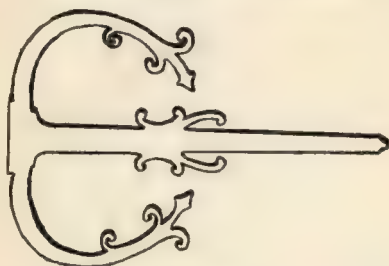
1414

$7\frac{1}{2}" \times 28"$ —5" Butt **\$10.00**



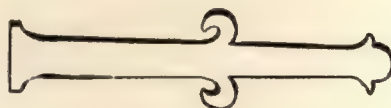
1419

$20\frac{3}{4}" \times 26\frac{1}{2}"$ —6" Butt **\$15.00**



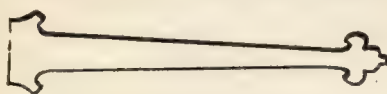
1415

$16\frac{1}{2}" \times 25\frac{3}{4}"$ —4 $\frac{1}{2}"$  Butt **\$15.00**



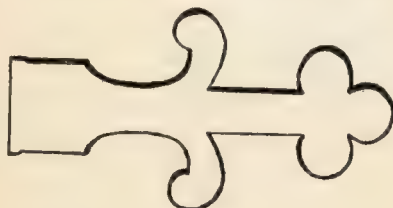
1420

$5\frac{3}{4}" \times 21\frac{3}{4}"$ —4" Butt **\$8.00**



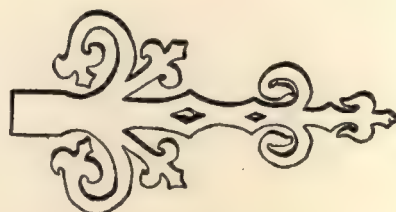
1416

$6\frac{3}{4}" \times 31\frac{3}{4}"$ —4 $\frac{1}{2}"$  Butt **\$9.00**



1417

$10\frac{1}{4}" \times 19\frac{1}{4}"$ —5" Butt **\$10.00**



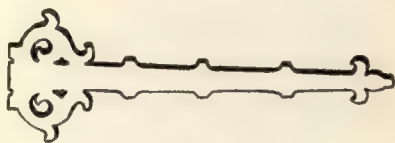
1421

$14\frac{1}{4}" \times 28"$ —3" Butt **\$15.00**



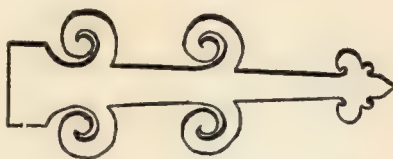
# Hand Hammered Hinge Plates

Cast in Brass, Bronze and Nickelene



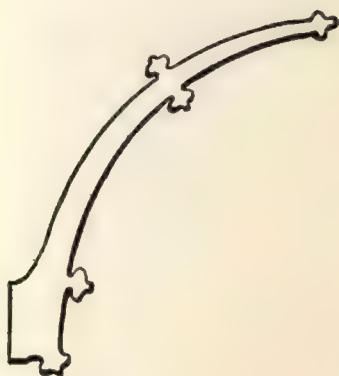
1422

10 1/4" x 30 1/2" — 5" Butt **\$12.00**



1426

9" x 24" — 5" Butt — **\$9.00**  
9" x 30" — 5" Butt — **\$12.00**



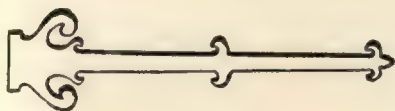
1423

6 1/2" x 40 1/2" — 6" Butt **\$14.00**



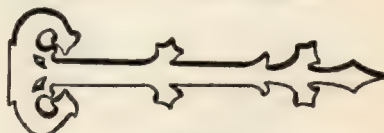
1427

9 1/2" x 27" — 4" Butt **\$12.00**



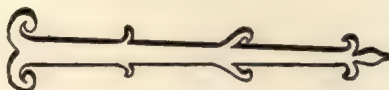
1424

7 1/4" x 29 3/4" — 3 1/2" Butt **\$9.00**



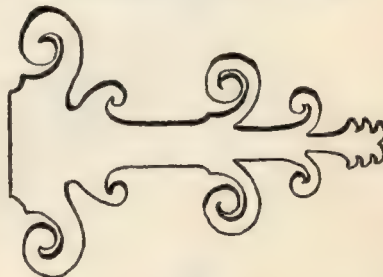
1428

6 1/2" x 19 1/2" — 3" Butt **\$9.00**



1425

5" x 33" — **\$9.00**  
5" x 21" — **6.00**  
5" x 26" — **7.00**



1429

13 1/2" x 21 3/4" — 5 1/2" Butt **\$12.00**

Give detail and hand of door when ordering curved hinge plates.



## Hand Hammered Hinge Plates

Cast in Brass, Bronze and Nickelene

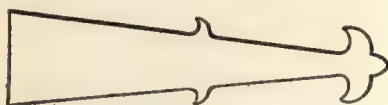


1430

5"x12"—4" Butt **\$4.00**

5"x18"—4" Butt **5.00**

5"x24"—4" Butt **7.00**



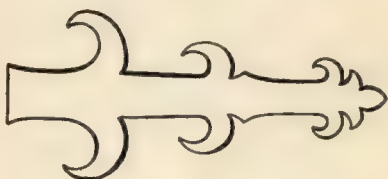
1434

4½"x12" **\$4.00**

4½"x18" **5.00**

4½"x26" **7.00**

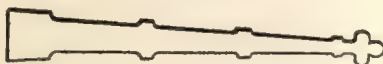
4½"x30" **8.00**



1431

7½"x18"—2½" Butt **\$7.00**

9" x25"—3½" Butt **9.00**



1435

3"x24" **\$6.00**



1432

7"x24"—4" Butt **\$8.00**



1433

4½"x20" **\$10.00**



1436

4½"x21" **\$10.00**

Give detail and hand of door when ordering curved hinge plates.

*Cast Chimney Ornaments*

Brass, Bronze and Nickelene



	H 1500	H 1501	H 1502	
H 1500	36"			Price Each <b>\$15.00</b>
H 1501	36"			" " <b>7.00</b>
H 1502	36"			" " <b>10.00</b>

Prices quoted on special ornaments to detail.



*Solid Cast Push Bars*

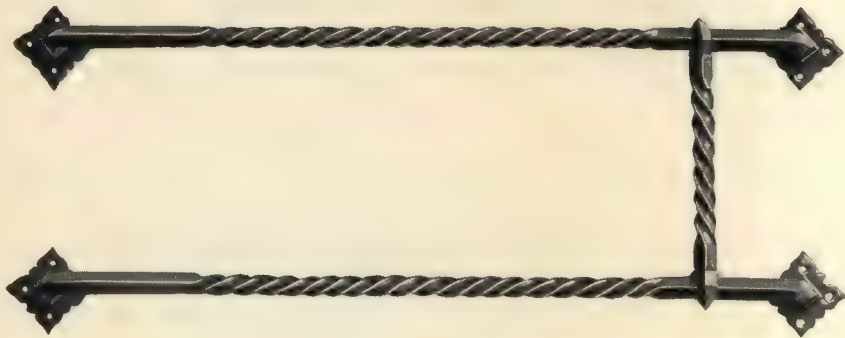
Brass, Bronze and Nickelene



H 84

End Plates 3"x12½" ..... Price each **\$40.00**

Cross bars cast solid  $\frac{9}{16}$ " square



H 85

Cross bars and pull cast solid in one piece  $\frac{1}{2}$ " square ..... Price each **\$20.00**

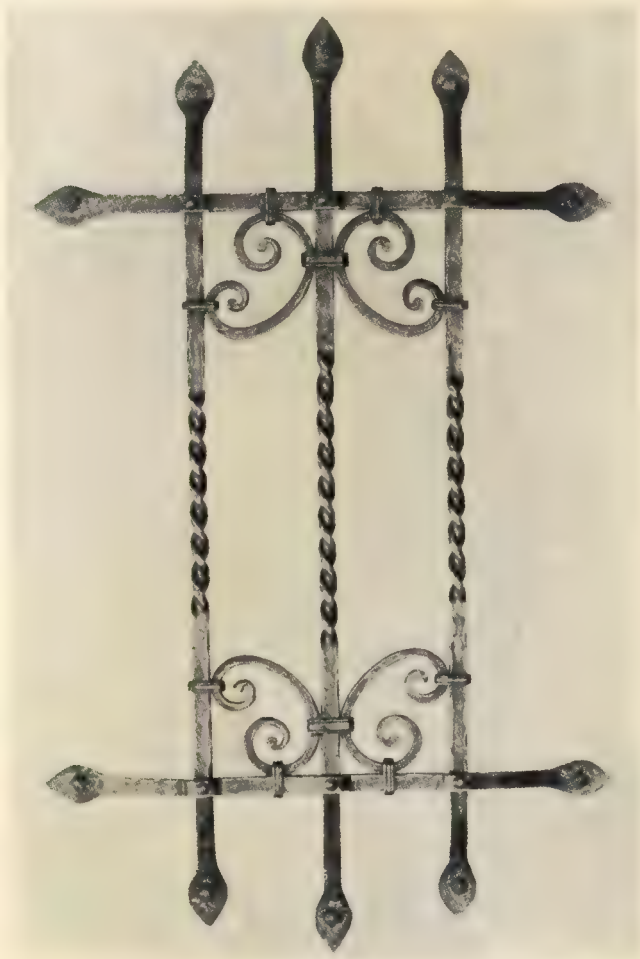


H 86

Cross bar cast solid  $\frac{1}{2}$ " square ..... Price each **\$10.00**

*Cast Grilles*

Brass, Bronze and Nickelene



H 1550

Above made to order any size required.

Specify full size of opening with detail of moulding and width of rail and finish wanted.

Hand Hammered Surface.

Finishes, Old Brass, Old Bronze, Rusty Iron, Half Polished Iron.

Prices quoted on Special Grilles to detail.





## Monarch Fire Exit Devices



No. 2



No. 3



No. 4



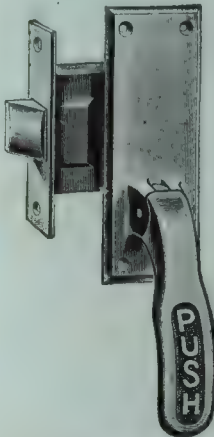
No. 9

Nos. 2 and 4 have Spring Hinged Latch top and bottom. No. 2 is equipped with Automatic Dogging Device. The top strike releases the dogging device when the door closes.

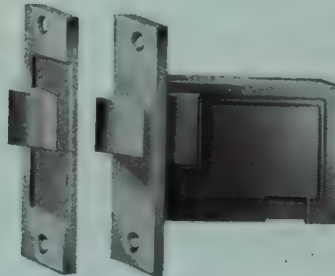
No. 2, 3 and 4 are equipped with strong Springs to snap the handles back to a closed position. The center boxes are the same as used on our No. 1000 type of Exit Devices.

When ordering above always give exact height of door. Polished or Dull Brass or Bronze is our stock finish.

$\frac{3}{8}$ " Solid Round Rod is used on Nos. 2, 3 and 4;  $\frac{5}{8}$ " Half-Round on No. 5.



No. 37 Latch Plate



No. 38R      No. 38

No. 38R has protected face and strike.

No. 38 has plain face and strike.

We can furnish those Latches to operate with a knob from the outside and the No. 37 Latch Plate on the inside.

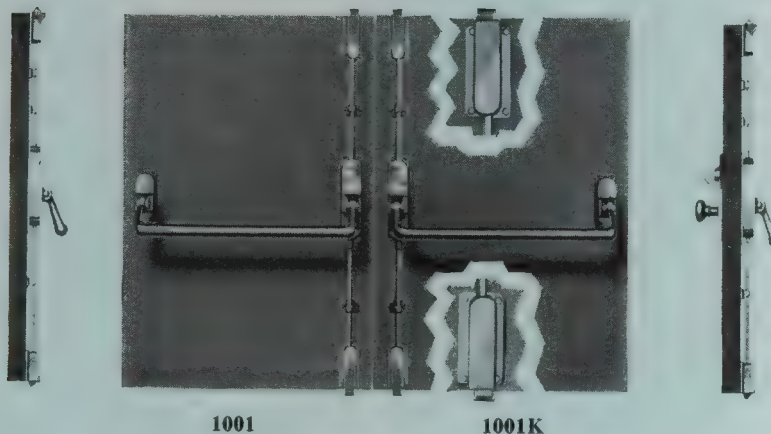
No. 37 Latch Plate, size  $1" \times 5\frac{1}{4}"$  to operate above Latches. The handle is operated by a concealed spring, taking all pressure off the latch.

MONARCH MANUFACTURING CO.

2525 Hart Avenue

Detroit, Michigan

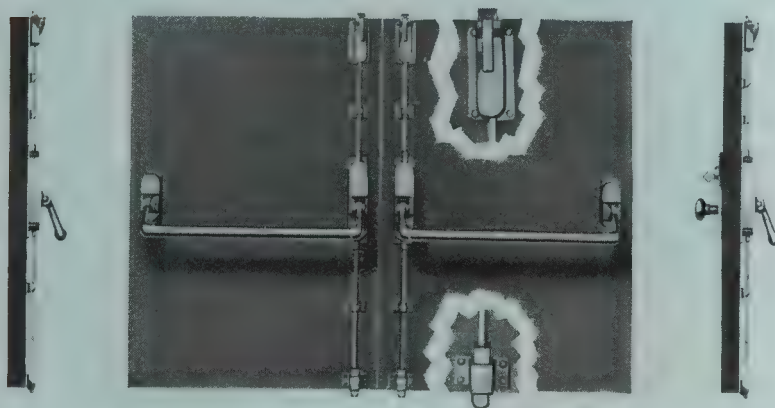
## Monarch Panic Exit Devices



1001

1001K

For Pairs of Doors where threshold is used—1001 on the inactive; 1001K on the active door.



1002

1002K

For Pairs of Doors where no threshold is used—1002 on the inactive 1002K on the active door.

All our Panic Bolts have a Deadlocking Feature at each end; can be locked down solid with a key and used as push bars only.

Note the Automatic Deadlocking Device on the 1002 Type. When the door opens the Latches remain retracted. When the door closes the top strike releases the latches.

All Springs are coil type and made of oil tempered spring wire.

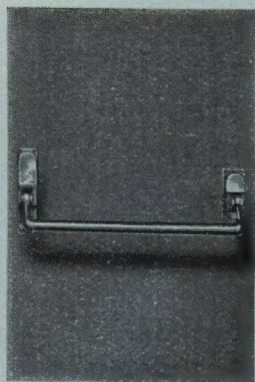
All cross tubing is made of heavy 1" tubing. The vertical rods are  $\frac{3}{8}$ " solid brass or bronze rod.

**HAVE YOU OUR LAT**

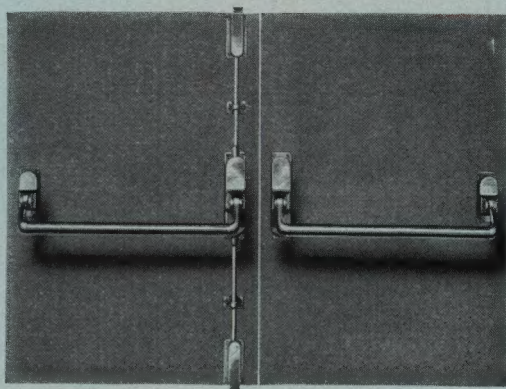
SEE OUR AD IN SWEET'S



## *Monarch Fire Exit Devices*



No. 1000

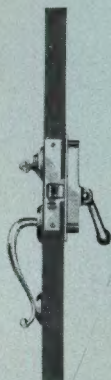


No. 1001

X

No. 1000

See Different Combinations of No. 1000 Below.



1000P



1000T



1000K



1000B



1000L



1000R



1000N

1000P, 1000T, 1000K, 1000B have Cylinder Panic Locks.

1000L, 1000R, 1000N have Mortise Latches.

---

1000P—Sectional Pull Outside—No Thumb Piece.

1000T—Sectional Pull Outside with Thumb Piece.

1000K—Knob, on the Outside.

1000B—Cylinder Only on the Outside.

1000L—Knob Outside with Plain Face and Strike.

1000R—No Outside Trim—Has Protected Face and Strike.

1000N—No Outside Trim—Has Plain Face and Strike.



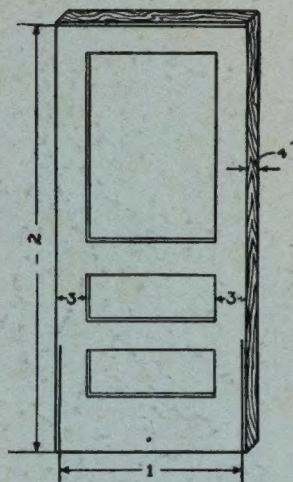
## Monarch Fire Exit Devices

### HOW TO ORDER

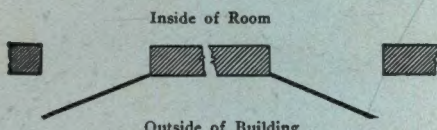
Number of Bolts Wanted and Finish

- 1—Width of Door
- 2—Height of Door
- 3—Width of Stile
- 4—Thickness of Door

State Right or Left Rev. Bevel.  
See Detail of Hand Below.




How to Measure Doors



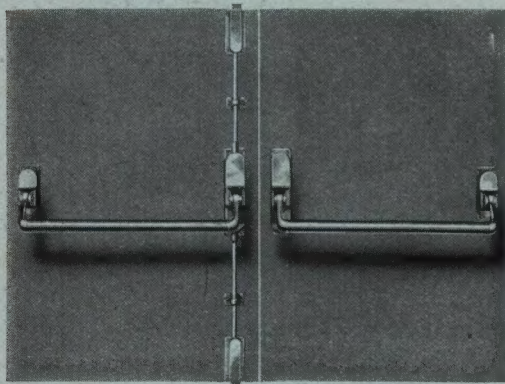
#### Handing of Doors

Right hand, reverse bevel. Left hand, reverse bevel

 Always Take Handings from Outside

When doors are in pairs, always give the hand of the door on which you will use the lock.

Always mention if single or double doors, as a closed strike is used with single, and open strike with double door. This is very important.



No. 1001

X

No. 1000

No. 1001 as here shown is right hand rev. bevel.

No. 1000 as here shown is left hand rev. bevel.

Be very careful with the handing. Our Exit Bolts can be reversed, but the Cylinder Locks cannot. Make sure. Take no chances. Errors are costly.

Both above devices have deadlocking feature at each end and can be locked down solid with a key and used as a push bar.

The cross rods are made of heavy 1" brass or bronze tubing.

The vertical rods are  $\frac{3}{8}$ " solid brass or bronze, and all fittings are made of cast brass or bronze only.

The Springs are all coil type and are made of the best grade of oil-tempered steel spring wire.

Our stock finish is polished brass or bronze or dead black.



